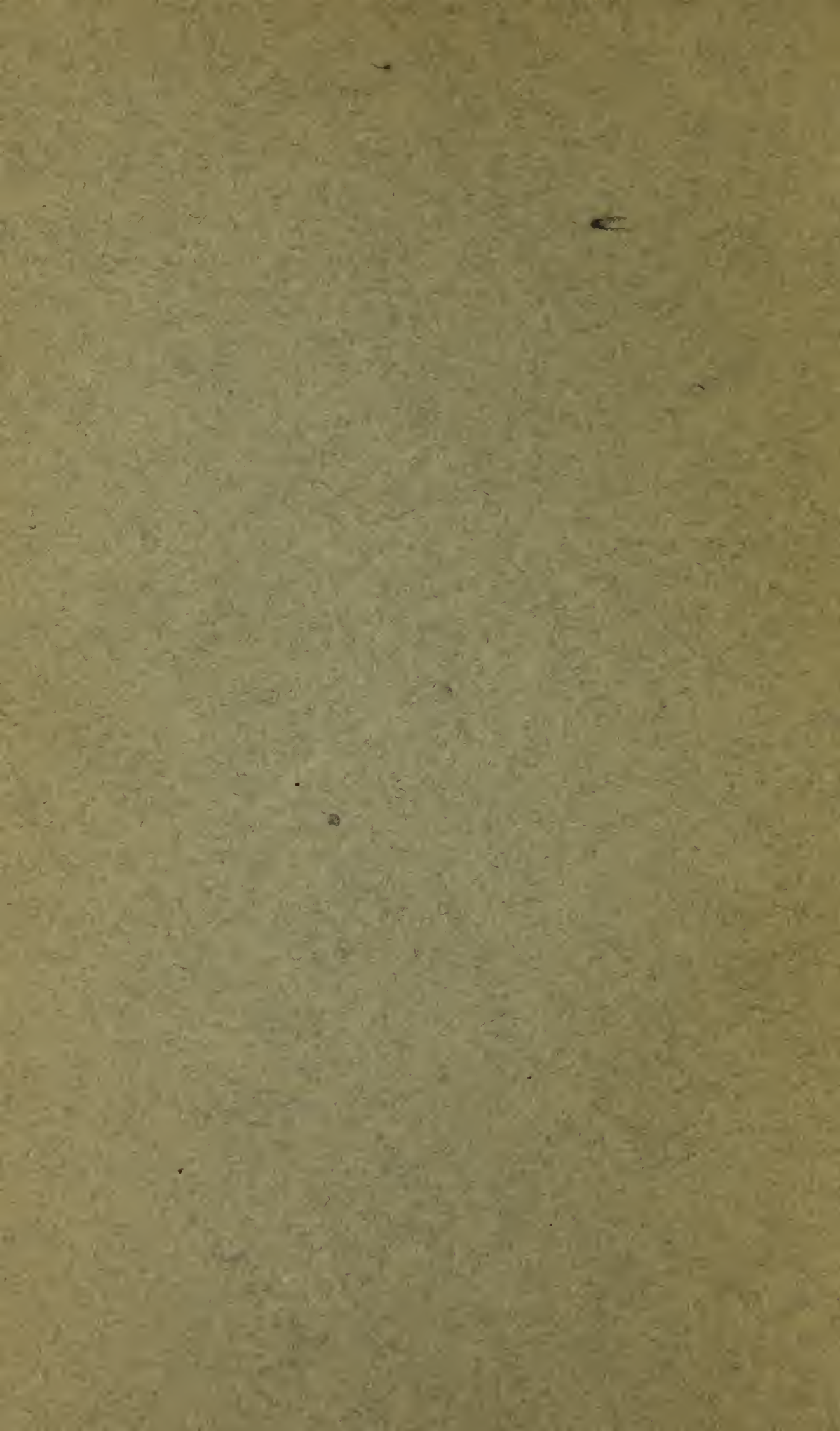


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COLLEGE BULLETIN CATALOGUE OF THE COLLEGE_{OF} INDUSTRIAL ARTS · DENTON · TEXAS

AUGUST 1916

NUMBER 51



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OCT 3 1916

COLLEGE BULLETIN

COLLEGE OF INDUSTRIAL ARTS

(THE STATE COLLEGE FOR WOMEN)

DENTON, TEXAS

CATALOGUE FOR 1915-1916

ANNOUNCEMENTS FOR 1916-1917

AUGUST 1916

NUMBER 51

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For further information, address
F. M. BRALLEY, President, Denton, Texas.

CALENDAR FOR 1916

JANUARY							APRIL							JULY							OCTOBER							
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16	17	18	19	20	21	22	16	17	18	19	20	21	22	16	17	18	19	20	21	22	22	23	24	25	26	27	28	
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CALENDAR FOR 1917

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25	26	27	28	29	30	31	24	25	26	27	28	29	30	23	24	25	26	27	28	29	23	24	25	26	27	28	29
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COLLEGE CALENDAR**1916**

Examinations for admission, Thursday to Saturday, September 7 to 9.

First quarter begins Tuesday, September 12.

Registration, Tuesday and Wednesday, September 12 and 13.

Classes organize and begin work Thursday, September 14.

Social gathering of Faculty and Students, Monday evening, September 18.

Y. W. C. A. Social, Saturday evening, September 23.

Thanksgiving holiday, Thursday, November 30.

First quarter ends Saturday, December 2.

Second quarter begins Tuesday, December 5.

Recitations close for the Christmas holidays, Wednesday, December 20.

1917

Last day of Christmas holidays, Monday, January 1.

Recitations resumed, Tuesday, January 2.

Washington's Birthday, holiday, Thursday, February 22.

Second quarter ends Saturday, March 10.

Third quarter begins Tuesday, March 13.

Entrance examinations for first quarter of College session, 1917-18, Monday, May 7.

Commencement exercises, Saturday, May 26, to Wednesday, May 30.

Third quarter ends Wednesday, May 30, at noon.

Alumnae Reunion, Wednesday afternoon and evening, May 30.

Fourth quarter (summer session and summer normal) begins Tuesday, June 4.

First quarter begins Tuesday, September 18.

BOARD OF REGENTS**COLLEGE OF INDUSTRIAL ARTS**

MR. J. H. LOWRY, President, Honey Grove

MISS M. ELEANOR BRACKENRIDGE, Vice-Pres., San Antonio

MRS. WILLIAM CAPPS, Secretary, Fort Worth

MR. J. C. COIT, Treasurer, Denton

MR. WALTER D. ADAMS, Forney

MR. SAM P. HARBEN, Richardson

FACULTY**OFFICERS OF ADMINISTRATION.**

F. M. BRALLEY, President E. V. WHITE, Dean of Faculty
MISS LINA PERLITZ, Dean of Women

OFFICERS OF INSTRUCTION

In the following lists the names of the members of the faculty within the departmental groups, with the exception of the directors of departments, are arranged alphabetically without regard to rank or to the order of appointment. In each case only an abridged statement is made as to the diplomas and degrees held and the colleges and universities attended.

DEPARTMENT OF FOODS AND COOKERY

Director, CORABEL WEIMER

Graduate Boston Cooking School
B. S., Columbia University

SARAH BEST

B. A., University of Minnesota
B. S., Columbia University

ALICE C. FAIRCHILD

B. A., Oberlin College
B. S., Columbia University

EDITH M. GORDON

A. B., Simmons College, Boston
A. M., Columbia University

EDITH B. INGHAM

A. B., Washburn College
B. S., Kansas State Agricultural College

AGNES M. MILNE

A. B., University of Illinois

LAURA F. NEALE

Graduate College of Industrial Arts
B. S., Columbia University

MARY ROHAN

Cincinnati University
Columbia University

CORNELIA L. SIMSON

Graduate Mechanics Institute, Rochester, N. Y.
Columbia University

JET C. WINTERS

B. R., University of Texas
B. S., Columbia University

DEPARTMENT OF TEXTILES AND CLOTHING

Director, VIRGINIA BABB

B. D. E., Columbia University
Associate Professor Ohio State University

NELLE BATCHELOR

Graduate Kansas State Normal, Emporia
B. S., Columbia University

BLANCHE BRADLEY

Ph. B., Hillsdale College
B. S., Columbia University

ADAH HENRIETTA HESS

B. S., Columbia University

KATHLEEN CRAIG SMITH

B. S., Columbia University

GERTRUDE STRICKLAND

Graduate College of Industrial Arts
Columbia University

KATHRYN TORPHY

Graduate Milwaukee School of Trades

HARRIET WAIGLI

Graduate Milwaukee School of Trades

DEPARTMENT OF FINE AND APPLIED ARTS

Director, MARY W. SHACKELFORD

Graduate Art Academy, Cincinnati
Graduate Pratt Institute

MATTIE LEE LACY

Graduate College of Industrial Arts
Graduate Pratt Institute

WILLIE R. JOHNSTON

Graduate Pratt Institute
Water-color student of Henry Snell

BLANCHE A. SLOAT

Graduate Cooper Institute, New York
One year's research work, Interior Decoration,
Louvre Museum, Paris, and South Ken-
sington, London

ANNE L. STROTHER

Graduate Art Institute of Chicago

DEPARTMENT OF MANUAL ARTS

Director, ANNA M. CRON

Graduate Kansas State Normal, Emporia
Massachusetts Institute of Technology

KATE LACY

Graduate College of Industrial Arts
Bradley Polytechnic Institute

CORA A. REYNOLDS

Graduate College of Industrial Arts
Pennsylvania Museum and School of Indus-
trial Art

DEPARTMENT OF RURAL ARTS

Director, CHANNING H. YARBOROUGH, JR.

B. S., Virginia State Polytechnic Institute
Post-graduate Virginia State Polytechnic In-
stitute

DEPARTMENT OF COMMERCIAL ARTS

Director, H. G. ALLEN

University of Chicago
Court Stenographer. Accountant

MRS. LINNIE M. CARTER

M. E. L., Cumberland Female College
Graduate Gregg School, Chicago

DEPARTMENT OF ENGLISH

Director, MARY ARMSTRONG SHOUSE

Ph. B., University of Chicago
M. A., Columbia University

SUSAN F. COBB

B. A., College of Industrial Arts

WILLIAM STANTON DONOHO
B. A., Baylor University
B. A., Yale University

MERTIE HELEN HIGGINS
University of Texas
University of Chicago

LILA McMAHON
M. A., University of Alabama
University of Chicago

DEPARTMENT OF HISTORY AND SOCIOLOGY

Director, JESSIE H. HUMPHRIES
B. A., University of Chicago
University of California

KATIE E. BOYCE
Graduate College of Industrial Arts

DEPARTMENT OF MATHEMATICS

Director, E. V. WHITE
B. S., University of Texas

DEPARTMENT OF LANGUAGE

Director, LINA PERLITZ
B. A., University of Texas
University of Chicago
L' Institut pour les Etrangers, Paris

MINNIE LEE BARRETT
B. A., University of Texas

DEPARTMENT OF EDUCATION

Director, M. L. WILLIAMS
B. A., University of Texas
M. A., Columbia University

EDWARD P. GILCHRIST
Ph. B., Bucknell University
Ph. D., Peabody College

DEPARTMENT OF PHYSICAL SCIENCE

Director, C. N. ADKISSON
A. B., Central College
Graduate in Bacteriology, University of Louis-
ville

A. G. KOENIG
B. A., University of Texas

GENEVIEVE SPENCER
B. S., Cornell University

DEPARTMENT OF BIOLOGY

Director, WILLIE ISABELLA BIRGE
M. A., University of Texas
Columbia University

ELIDA M. PEARSON
M. A., University of Texas

OPHELIA C. WESLEY
B. A., University of Texas
University of Chicago

DEPARTMENT OF HYGIENE AND HOMENURSING

Director, ELEANOR M. SLATER*
B. S., Ripon College
M. D., Tufts College Medical School
Interne New England Hospital for Women and
Children

DEPARTMENT OF PHYSICAL EDUCATION

Director, NELLIE E. BUSSELL
A. B., University of Wisconsin
Graduate Sargent Manual School of Physical
Education

SCHOOL OF MUSIC

Director of Piano, NOTHERA BARTON
Pupil of Georg Kruger and
Harold von Mickwitz
Pupil of Rudolph Ganz, Berlin

HANNAH ASHER
Graduate College of Music, University of South-
ern California
Pupil of Harry Detweiler, Chicago
State Director of Teachers of the Effa Ellis
Perfield System

LESSIE LINDSEY
Pupil of Rudolph Ganz in Berlin
Pupil of August Fraemcka, New York College
of Music

*Resigned. Successor to be chosen before beginning of next session.

HELEN NORFLEET

Pupil of Georg Kruger, Ferrigi Gulli, and
Harold von Mickwitz

Concert pianist for extension work of Universi-
ties of Wisconsin and North Dakota

SELMA EMELIE TIETZE

Pupil of Georg Kruger and Harold von Mick-
witz

Bush Conservatory, Chicago

Director of Voice*, ALBERT G. PFAFF, 'Tenor

Pupil of Oscar Seagle, Paris

Pupil of Von Yorx and Lee, New York

Director of Violin, ALMA AULT

Graduate Conservatorium der Musik, Cologne,
Germany

Pupil of Ferdinand Carri, New York

DEPARTMENT OF EXPRESSION

**Director, S. JUSTINA SMITH

Graduate Emerson College of Oratory

Post-graduate Emerson College of Oratory

Acting Director, EDNA NORTON SPEAR

Graduate Emerson College of Oratory

Post-graduate Emerson College of Oratory

ZINITA BARBARA GRAF

B. A., University of Iowa

Graduate Emerson College of Oratory

DEPARTMENT OF EXTENSION

Director, C. A. TRIPP

Graduate Central State Normal School of
Michigan

University of Wisconsin

FLORIS S. CULVER

Graduate Stout Institute

University of Wisconsin

LIBRARY

Librarian, MARIAN E. POTTS

A. B., University of Wisconsin

B. L. S., University of Wisconsin

*An additional teacher to be supplied.

**Granted a year's leave of absence for post-graduate study.

FACULTY COMMITTEES

1916-1917

ATHLETICS

MISS BUSSELL	MISS JOHNSTON	MISS CRON
MR. WILLIAMS	MISS HIGGINS	

BOARDING HOUSES

DEAN PERLITZ	MISS INGHAM	MR. TRIPP
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CLASSIFICATION

	DEAN WHITE	
MISS HUMPHRIES	MR. WILLIAMS	MR. ADKISSON
MISS COBB	MISS BIRGE	MR. TRIPP
MISS NEALE	MISS BEST	MISS BARRETT

CURRICULUM

MR. ADKISSON	MISS BARRETT	MR. DONOHO
MISS WEIMER	MISS BABB	
MISS HUMPHRIES	DEAN WHITE	

EXHIBITS AND EXTENSION SERVICE

MR. TRIPP	MISS BABB	MISS SHACKELFORD
MISS CULVER	MR. YARBOROUGH	

ENTERTAINMENT AND SOCIAL

MISS BARTON	MR. ALLEN	MR. YARBOROUGH
MISS WINTERS	MISS NORFLEET	MISS AULT
MISS JOHNSTON	MISS REYNOLDS	MR. PFAFF

GRADUATION AND CERTIFICATE

MR. ADKISSON	DEAN WHITE	MISS STRICKLAND
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RECOMMENDATIONS FOR POSITIONS

MR. WILLIAMS	MISS WEIMER	MISS SHOUSE
MISS INGHAM	MR. YARBOROUGH	MISS BABB

PUBLICATIONS

MISS SHOUSE	MR. ALLEN	MISS STROTHER
MR. DONOHO	MISS LINDSEY	

ARTISTS' COURSE

MR. TRIPP	MR. ALLEN	MR. PFAFF
MISS LINDSEY	MISS SPEAR	

CHAPEL EXERCISES

DEAN WHITE	MR. DONOHO
MISS LINDSEY	MR. PFAFF

ANNUAL CATALOGUE

MISS HUMPHRIES	MR. ALLEN	DEAN WHITE
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SUMMER SCHOOL ANNOUNCEMENT

MR. TRIPP	MR. ALLEN	DEAN WHITE
-----------	-----------	------------

ENTRANCE EXAMINATIONS

MISS HIGGINS	MISS PEARSON
MR. KOENIG	MISS GORDON

THE PRESIDENT OF THE COLLEGE IS EX-OFFICIO
A MEMBER OF EACH COMMITTEE

OTHER OFFICERS OF ADMINISTRATION

H. G. ALLEN, Secretary of the Faculty

MARIAN E. POTTS, Librarian

HELLEN FAYE FAIR, General Secretary, Y. W. C. A.

*ELEANOR M. SLATER, M. D., College Physician

SARAH BEST, Director of State Dormitories

EDITH B. INGHAM, Dietitian of State Dormitories

WILLIE R. JOHNSTON, Resident Instructor in State Dormitories

CORNELIA L. SIMSON, Resident Instructor in State Dormitories

BLANCHE BRADLEY, Resident Instructor in State Dormitories

EDITH M. GORDON, Resident Instructor in State Dormitories

LILA McMAHON, Resident Instructor in State Dormitories

MRS. F. B. CARROLL, Director of Methodist Dormitory

NOTHERA BARTON, Resident Instructor in Methodist Dormitory.

W. E. SPENCER, Auditor.

C. M. PROCTOR, Registrar.

G. G. WELCH, Assistant Registrar

MARIE CROFT, Secretary to the President

LYDIA RHODE, Secretary to the Dean of the Faculty

**-----Secretary of Extension

ELIZABETH DEALEY, Secretary to the Director of State Dormitories

FLETA WALKER, Secretary to the Dietitian of State Dormitories

FLORENCE MILES, Stenographer

*Resigned. Successor to be chosen before beginning of next session.

**To be supplied.

STUDENT ASSISTANTS

REGULAR SESSION

1916-1917

Department of Foods and Cookery---	KATHARINE HARPER
Department of Clothing and Textiles	{ FLETA WALKER CHARLCY O'NEAL
Department of Fine and Applied Arts	{ LUCY COX MAUD BARKLEY GRACE ROOT
Department of Manual Arts-----	NANNIE HOWELL
Department of Rural Arts and Science	ELIZABETH WRIGHT
Department of Physical Science-----	{ HAZEL TRAWICK MATE KEEBLE
Department of English-----	{ LUCY JOHNSTON LEOLA CAMPBELL
Department of Biology-----	LYNDALL BROWN
Department of History and Sociology	WINNIE MODRALL
Department of Physical Education-	{ CATHERINE WISDOM MARY FIELDS
Library -----	{ KITTIE WASHINGTON VOLAH SWINDELL MARGARET FARRIS ULA BROUN GLADYS K. TAYLOR

FOUNDATION AND PURPOSE

The College of Industrial Arts is the State college for women. It was created by an act of the Twenty-seventh Legislature in April, 1901, and is maintained by legislative appropriations. A locating commission consisting of one person from each congressional district was directed by law to choose a location and in making the choice "to take into consideration the healthfulness, moral and social environment and influences, accessibility, and other facts and circumstances affecting the suitability of the site in question as a location." From a number of available places the commission in February, 1902, selected Denton as the place fulfilling all the required conditions. The College formally opened its doors to receive students on September 23, 1903.

The law providing for the establishment of the College of Industrial Arts sets forth the fundamental purpose and scope of the work to be undertaken, namely, to prepare the young women of Texas for the duties and responsibilities of life, whatever lines of work they may choose to follow. Since the College has been in operation, the Board of Regents and all others entrusted with the administration have so directed its policies as to make those policies consistent with the purpose for which the College was created. The College offers both literary and industrial work, believing that a right combination of the two kinds of training results in the soundest culture and the highest degree of efficiency.

The College of Industrial Arts has fulfilled, in all respects, the requirements of a standard college. Formal recognition of this fact has been given by the State Department of Education, and the College rated as a college of the first class.

GOVERNMENT

The government of the College is vested in a Board of Regents consisting of six members nominated by the Governor, and appointed by and with the advice and consent of the Senate. The President of the College is charged with the direct responsibility of administering the policies of the Board, and to him and the Faculty are delegated the immediate regulation and direction of the affairs of the College.

LOCATION

The town of Denton, in which the College is situated, is surrounded by a prosperous agricultural region. It is in a healthful location and is supplied with pure artesian water. It has electric street lights, a street railway system, sewerage, and natural gas. Street car service is maintained from the railroad station and business section directly to the College campus. Denton is within thirty-five miles of Fort Worth and about the same distance from Dallas, and is reached by the Missouri, Kansas & Texas and the Texas & Pacific Railways. The town has a population of about 7,000. Its citizens co-operate with the various activities and ambitions of the College and the town as a whole is characterized by its moral and religious atmosphere, its high cultural and intelligent standards, and its hearty public spirit and civic progressiveness.

BUILDINGS, GROUNDS, AND EQUIPMENT

The College campus of seventy-three acres occupies a commanding and attractive site upon an elevation within the city limits to the northeast. A twenty-five acre park with grassy slopes and large oak trees forms the approach to the main group of buildings. To the rear of this group of buildings, the campus is, for the most part, devoted to the poultry yard, the College experimental garden, field and orchard, and the wooded pasture for the dairy herd.

The College buildings are substantial, modern, attractive, and well equipped. They are located near each other on the most elevated portion of the campus. The principal instructional buildings are known as the Administration Building and the Household Arts and Science Building. They are constructed of a uniform-colored brick and are three and four stories high. They contain the administration offices, lecture and classrooms, laboratories, library rooms, and an auditorium with a seating capacity of eleven hundred. At present the Administration Building is being improved and enlarged and will be ready for use before the opening of the next session, September 12, 1916. The additions and improvements will include, among other things, the installation of an elevator and the absolute fire-proofing of the entire structure. They will more than double the capacity of the original building, the additions and improvements alone costing approximately \$100,000.00.

The residential buildings for students are the State dormitories, known as Stoddard Hall, Brackenridge Hall, and Oakland Annex, and the Methodist Dormitory. Bracken-

ridge Hall is in the process of construction and will be ready to be occupied during the coming session. It is to cost \$140,000.00; it will be modern and absolutely fire-proof, and will harmonize with the other buildings in material and in architectural design. It will be observed that the dormitories are entirely separate from the instructional buildings, so that the quiet of home-life is not invaded by the atmosphere of laboratories and formal instruction—a fact decidedly to the interest of both home and school life. All the State dormitory rooms have single beds, large closets, running water, and arrangements for systematic separation of the individual belongings. There are both single and double rooms. The large dining halls are furnished for health and comfort. The new dining hall will accommodate seven hundred and fifty students for meals, which makes it possible for all students rooming in private homes near the campus to have their meals at the State dormitory and therefore to mingle with and enter into the social life and environment of the College, as do those students who reside in the dormitories. The dormitory cuisine is under the direction of a graduate dietitian who uses only the best of food-stuffs and in balanced proportions.

Hygeia Hall, the College hospital, serves the double purpose of a place for taking care of the sick and for a demonstration laboratory for the classes in home-nursing. A woman physician and a trained nurse, both of whom reside in Hygeia Hall, look after the health of the student body. The College holds a very extraordinary record in regard to the health and physical well-being of its students.

Conveniently near these buildings are located the President's home, the Demonstration Cottage, Horticultural building, Music building, Gymnasium, the greenhouses, the laundry, and a new modern steam heating plant.

The College is well equipped throughout. It has always been the policy of the College to purchase only the best equipment. All the buildings, both instructional and residential, are heated with steam, lighted with electricity, and supplied with pure, cooled, artesian water.

REQUIREMENTS FOR ADMISSION

GENERAL

An applicant for admission to the College of Industrial Arts must have attained the age of sixteen years and must be of good moral character.

SCHOLARSHIP

Scholarship requirements are rated in terms of units. An entrance unit in any subject implies thirty-six weeks of high-school work in that subject, each week comprising five forty-five-minute recitation periods.

TO THE COLLEGE

The standard of admission to the College is fourteen units of high-school work, of which seven and one-half are prescribed and six and one-half are elective. The prescribed units are: English 3, algebra $1\frac{1}{2}$, geometry 1, history 2. The elective units are chosen from the list of elective subjects given under (4) below:

Any applicant who presents the seven and one-half prescribed units and four and one-half elective units, making a total of twelve units, will be admitted to the Freshman class, with the understanding that the deficiency of two units shall be made up by examination or by extra work in the Preparatory School of the College within two years.

The scholarship requirements for admission to the College may be met in five different ways: (1) by diploma; (2) by State teacher's certificate; (3) by certificate from the Preparatory School of the College; (4) by examination; (5) by individual approval.

(1) By Diploma

A graduate of a state normal school is admitted to the College with credits to be determined by the Classification Committee.

A graduate of a high school affiliated with a college or university of the first class will be credited with the subjects she has completed in which the school is affiliated. In order to determine these credits, an applicant is required to present a statement of her work made out by the superin-

tendent or principal to the Dean of the Faculty. It is of the highest importance that the candidate send in advance of her coming this blank properly filled out to the Dean of the Faculty. Without it she cannot be admitted, and valuable time will be lost if it has to be sent for after she comes to the College.

If the number of units covered by the statement is less than the number required for admission, the deficiency must be made up by examination or by work in the Preparatory School of the College.

A graduate of an affiliated high school who offers more than fourteen units for admission will receive credit for the surplus only in case she secures advanced standing in particular subjects from the heads of the departments. A graduate who offers credits in domestic science, domestic art, chemistry or other high-school subjects, to meet her entrance requirements will not be required to take such work in the Freshman year, but will be required to take other subjects in the place of such credits; that is, the same work cannot be counted both for College entrance and for College credit.

A prospective student who is a graduate of an academy, private school, or college should send a record of her work, together with a catalogue of the school, to the Dean of the Faculty of the College. This record will be passed on and the student notified of her classification.

Advanced credit will be granted only on the recommendation of the head of the department in which the credit is asked.

(2) By State Teachers' Certificates

An applicant holding a first-grade state teacher's certificate will be given credit for eight units towards admission to the Freshman class, and the remaining units required for full admission must be absolved under the direction of the Classification Committee. An applicant holding a permanent certificate will be given credit for twelve units towards admission to the Freshman class, and the remaining units required for full admission must be absolved under the direction of the Classification Committee.

(3) By Certificate from the Preparatory School of the College

A student who completes satisfactorily the work of the Preparatory School of the College will be admitted to the Freshman class without examination.

(4) By Examination

Admission to the College may be obtained by examination covering the work represented by fourteen high-school

units of credit. The prescribed and elective subjects in which these examinations are to be taken are shown below.

Prescribed:

English Grammar	1 unit
English Composition	1 unit
American and English Literature	1 unit
History, two of the following	2 units

Ancient History

Mediaeval and Modern History

American History

English History.

Mathematics:

Algebra, complete 1½ units

Plane Geometry, complete 1 unit

Elective 6½ units

Total 14 units

The six and one-half elective units called for above shall be chosen from the following list:

History and Civics:

Ancient History 1 unit

Mediaeval and Modern History 1 unit

American History 1 unit

English History 1 unit

Civics ½ unit

Foreign Languages:

Latin 3 units

French 2 or 3 units

German 2 or 3 units

Spanish 2 or 3 units

Mathematics:

Solid Geometry ½ unit

Trigonometry ½ unit

Natural Sciences:

Physical Geography ½ unit

Physiology ½ unit

Chemistry 1 unit

Physics 1 unit

Botany 1 unit

Zoology 1 unit

Industrial Subjects:

Agriculture ½ or 1 unit

Bookkeeping ½ unit

Domestic Science ½ or 1 unit

Domestic Art-----	$\frac{1}{2}$ or	1 unit
Drawing -----	$\frac{1}{2}$ or	1 unit
Manual Training-----	$\frac{1}{2}$ or	1 unit
Stenography and Typewriting-----	$\frac{1}{2}$ or	1 unit

(5) By Individual Approval

At the discretion of the Dean of the Faculty, an applicant for admission over twenty-one years of age may be admitted to the Freshman class without examination. She must show evidence that she has substantially covered the work represented by the number of units required of other applicants, and has sufficient ability and seriousness of purpose to do the work desired with profit to herself and to the satisfaction of her instructors. The courses of a student so admitted must be approved by the heads of the departments in which the work is selected. Inability or failure to do the work shall be sufficient cause for the withdrawal of such classification by the Dean of the Faculty.

TO HOMEMAKERS COURSE

Admission to the Homemakers Course will be granted without formal examination to properly qualified young women who can devote but one year to study and who wish during that time to obtain the greatest amount of training possible in the subjects directly related to the practical affairs of the home. Admission to this course will not be granted to anyone who is unprepared to do the work; nor will admission be granted to any one who, in the judgment of the Classification Committee, could pursue more profitably other work of the College. Before admitting a young woman to this course, the College authorities must be convinced that it is her intention to become practically interested in the affairs of home-life. It is not the object of this course to prepare students for teaching, and students completing the course will not be recommended for teachers.

TO COMMERCIAL ARTS COURSE

No formal requirements are made for admission to the Commercial Arts Course. The College authorities, however, must be convinced that an applicant can pursue profitably the work of this course before admission will be granted. It is desirable that students of this course shall have completed the tenth or the eleventh grade of a standard high school. A student desiring to take any of the work offered in the Commercial Arts Course should apply in writing in advance of entrance, and should also send to the Dean of the Faculty a record of her high-school work.

TO PRACTICAL COURSES

The Faculty will admit worthy, mature young women to the practical courses without formal examination. By those courses are meant extremely practical courses in such subjects as cookery, millinery, dressmaking, basketry, and leather work. A student desiring to take any of this work should apply in writing in advance of entrance, and should also send to the Dean of the Faculty a record of her high-school work.

TO THE PREPARATORY SCHOOL

In the Preparatory School scholarship requirements for admission may be met in three ways: (1) by certified work from approved high schools; (2) by state teacher's certificate; (3) by examination.

(1) By Certified Work From Approved High Schools

A student who has completed the ninth grade of a school affiliated with a college or university of the first class, or the ninth grade of a high-school of the first class as designated by the State Department of Education, will be admitted to the first year in the Preparatory School without examination. In order to determine these credits, an applicant is required to present a statement of her work made out by the superintendent or principal to the Dean of the Faculty. It is advisable that the candidate send this in advance of her coming.

A student who has completed the tenth grade of a school affiliated with a college or university of the first class, or the tenth grade of a high school of the first class as designated by the State Department of Education, will be admitted to the second year in the Preparatory School without examination. These credits, certified to by the superintendent or principal, should also be sent to the College in advance of the student's coming.

A student who has completed the ninth or tenth grade, or the equivalent in a high-school other than those mentioned above, should send a record of her high school work, made out on the blank prescribed by the College and certified to by the superintendent or principal, to the Dean of the Faculty. The classification of the student will then be determined and she will be advised as to the classification given.

(2) By State Teachers' Certificate

A student holding a second-grade state teacher's certificate obtained by examination will be admitted to the first year in the Preparatory School. A student holding a per-

manent primary certificate which was obtained by building upon a second-grade state certificate will be admitted to the second year in the Preparatory School with some credit.

(3) By Examination

Admission to the First and Second Preparatory years, respectively, may be obtained by examination as shown below.

First Preparatory

Prescribed:

- English Grammar
- English Composition
- Ancient, American, or English History
- Mathematics:
 - Arithmetic
 - Algebra

Elective:

Such subjects in the following list as may be determined by the Classification Committee after a conference with the applicant. The prescribed and elective subjects must cover the scope of work given in the first two years of a standard high-school.

History:

- Ancient History
- American History
- English History

Latin through Caesar

Sciences:

- Agriculture
- Physical Geography
- Physiology

Second Preparatory

Prescribed:

- English Grammar
- English Composition
- History, two of the following:
 - Ancient History
 - Mediaeval and Modern History
 - American History
 - English History.

Mathematics:

- Algebra through quadratics.

Elective:

Such subjects in the following list as may be determined by the Classification Committee after a conference with the applicant.

The prescribed and elective subjects must cover the scope of work given in the first three years of a standard high school.

History:

- Ancient History
- Mediaeval and Modern History
- American History
- English History

Latin

Mathematics:

- Higher Arithmetic
- Plane Geometry

Sciences:

- Agriculture
- Domestic Science
- Physics
- Physical Geography
- Physiology

CLASSIFICATION OF STUDENTS

IN THE COLLEGE

Regular College Students

Regular college students are those who take a course, or a portion of a course, leading toward graduation. The courses leading toward graduation are outlined elsewhere in this catalogue and are designated as follows: Household Arts, Fine and Applied Arts, Literary, Manual Arts, Rural Arts and Sciences, Music, and Expression.

The classes in these courses are named by years: Freshman, Sophomore, Junior, and Senior. The classification of a student depends upon the number of college units to her credit. By a college unit is meant thirty-six hours of lecture or recitation work in a given subject, or the equivalent of thirty-six hours in lecture or recitation and laboratory work combined. By a Freshman is meant a student who has absolved at least twelve entrance units and who has to her credit fewer than twelve college units. By a Sophomore is meant a student who has to her credit at least twelve college units and fewer than twenty-seven college units. By a Junior is meant a student who has to her credit at least twenty-seven college units and fewer than forty-two college units. By a Senior is meant a student who has to her credit more than forty-two college units.

Homemaker Students

Homemaker students are the students enrolled in the Homemakers Course which is outlined on page 97.

Commercial Arts Students

Commercial Arts students are those pursuing work in the Commercial Arts Courses, which are outlined on page 95.

Unclassified Students

Unclassified students are those who, for reasons satisfactory to the Classification Committee are permitted to take work out of its regular order. This arrangement is intended for adults whose time and opportunities are limited to such an extent as to render impracticable the taking of a regular course. It is not intended to encourage young and immature students to substitute haphazard, optional work for the thorough, systematic work of the regular courses.

IN THE PREPARATORY SCHOOL

The course of study in the Preparatory School comprises two years' work, and the classes in these respective years are known as First Preparatory and Second Preparatory.

REQUIREMENTS FOR DIPLOMAS, CERTIFICATES, AND DEGREES

DIPLOMAS

A student who presents fourteen entrance units to the College and who satisfactorily completes forty-five college units, including the prescribed work in any regular course, is awarded a diploma of graduation. A minimum residence attendance of one scholastic year at the College of Industrial Arts is required.

A student will not be permitted to take more or less than the equivalent of fifteen college units of work at a time except by permission of the Dean of the Faculty, who will report to the President of the College the names of all to whom such permission is given. This does not include Physical Education, which will be required of all Freshmen and Sophomores.

DEGREES

A student who presents fourteen entrance units to the College and who satisfactorily completes sixty college units, including the prescribed work in any regular course, is awarded a bachelor's degree. A minimum residence attendance of one scholastic year at the College of Industrial Arts is required. Other requirements for the several degrees are set forth in the tabulated courses of study, page 35 to 43.

PROFICIENCY CERTIFICATES

Students who satisfactorily complete the requirements set forth in the Commercial Arts Courses, the Homemakers Course, and the Practical Courses will be awarded certificates of proficiency.

TEACHERS' CERTIFICATES

A student who is entitled to a diploma and who has also completed two years of work in the subject of Education may upon application receive a first-grade state teacher's certificate. This certificate is valid for six years

from the date of issuance, and may be exchanged, without examination, for a state permanent certificate when the holder can show evidence of having taught successfully for three years in the public schools of Texas.

A student who is entitled to a degree and who has also completed four years of work in the subject of Education may upon application receive, without examination, a state permanent certificate. For further requirements, see pages 33, 74 and 75.

A student who presents fourteen entrance units to the College and who completes satisfactorily fifteen college units of work, including one year's work in Education, may receive upon application, without examination, a first-grade state teacher's certificate, valid for four years. Freshman will not be permitted to do the work required for this certificate except by special permission of the Dean of the Faculty.

COURSES OF STUDY

The following is a list of the three-year courses offered by the College: Household Arts, Fine and Applied Arts, Literary, Manual Arts, Rural Arts and Sciences, Music, and Expression. A student who presents fourteen entrance units to the College and who satisfactorily completes forty-five college units, including the prescribed work in any one of these courses as tabulated on pages 35 to 44, is awarded a diploma of graduation. A minimum residence attendance of one scholastic year is required.

The following is a list of the four-year courses offered by the College: Household Arts, Fine and Applied Arts, Literary, Manual Arts, Rural Arts and Sciences, and Music. A student who presents fourteen entrance units to the College and who satisfactorily completes sixty college units, including the prescribed work in any one of these courses as set forth in the tabulations given on pages 35 to 43, is awarded a bachelor's degree. A minimum residence attendance of one scholastic year at the College is required.

The following is a list of the one-year courses offered by the College: Homemakers Course, Commercial Arts Courses, and Practical Courses. A student who satisfactorily completes the requirements in any one of these courses as set forth in the tabulations given on pages 94, 97 and 100, is awarded a certificate of proficiency. No formal entrance requirements are made.

A student who satisfactorily completes the work of the Preparatory School as tabulated on page 101, is awarded a certificate which entitles the holder to admission to the Freshman class of the College.

While the greater part of the courses enumerated above are designed for general culture and special fitness for the duties of home life, the specific purpose of each is indicated in the title and tabulations of the course. The various subjects composing each course are definitely correlated, making the apparently large number of subjects related parts of a single line of work.

GENERAL REQUIREMENTS AND EXPLANATIONS

(1) The figures given in the tabulations indicate one-third units of work. By a unit is meant thirty-six recitation of lecture hours. For example, a unit would represent the work of a class which recites three hours a week for one quarter, or one hour a week for the whole regular session of three quarters or thirty-six weeks.

(2) A laboratory period is two hours and is considered the equivalent of a one-hour lecture or recitation period. For example, a subject which requires three units of work, as tabulated in the outlines, would be either three recitation or lecture periods, or two recitation or lecture periods and one laboratory period, or one lecture or recitation period and two laboratory periods, or three laboratory periods.

(3) Preparation requiring one and one-half hours of outside work is expected for each recitation or lecture period, and preparation requiring one-half hour is expected for each laboratory period.

(4) A student will not be permitted to take more or less than the equivalent of fifteen college units at one time except by permission of the Dean of the Faculty, who will report to the President of the College the names of all to whom such permission is given.

(5) A student who completes forty-five units of work, including the units prescribed in the outline of a course, will be entitled to receive a diploma.

(6) A student who completes sixty units of work, including the units prescribed in the outline of a course, will be entitled to receive a bachelor's degree.

(7) All students of the Freshman, Sophomore, Preparatory, Homemakers, and Commercial Arts classes are required to take physical Education two hours a week. Unclassified students are also required to take Physical Education. Students who are physically unable to take Physical Education may be exempted upon presentation of a certificate of their disability from the College physician.

(8) A student who completes the work of a degree in any course will be required to complete at least two years of English.

(9) Two modern languages may not be begun at the same time. A student who takes a second year in a modern language is required to take the same language as in the first year.

(10) At least five advanced courses are required for a degree. An advanced course is one that follows two college courses in the same subject.

(11) All students in the Literary Courses are required to elect one unit of Ethics in the Junior or in the Senior year in order to be eligible to receive a degree.

(12) All elective courses must be approved by the Classification Committee.

(13) In order to elect a subject, a student must have completed the necessary prerequisites.

(14) Electives may be chosen from the entire field of subjects, including Music and Expression, but all electives must receive proper approval.

(15) Any College course to which a student is eligible may be regarded as an elective course.

(16) Individual lessons in Expression and Music may be considered as electives.

(17) A Freshman will not be permitted to elect Education unless she expects to remain in the College only one year and presents to the Dean of the Faculty a statement from her parents or guardian indicating that it is her intention to teach immediately after completing the work of the Freshman year.

(18) Only one of the courses in Education, designated in the descriptions as 110-120-130 and 210-220-230, will be counted as credit toward graduation.

(19) Only nine units in Education may be counted for a bachelor's degree. A student who receives a degree must, in order to receive a permanent certificate at the same time, complete a total of sixty-three units, twelve of which must be in Education.

(20) A minimum residence attendance of one year is necessary in order that a student may receive a diploma or a degree.

(21) Fourteen entrance units are necessary in order that a student may enter the Freshman class. High-school work, such as domestic science, domestic art, or chemistry, cannot be counted both for entrance and for credits toward graduation.

(22) After entering upon the work of any course a student may not change to another course without the approval of the Dean of the Faculty.

(23) In the Senior year of the Literary Course a third or fourth year language must be elected.

(24) The History tabulated in the Sophomore year may be elected in the Freshman year.

(25) Sophomore students of the Household Arts Course who major in Textiles and Clothing and who elect Foods and Cookery, will take Chemistry 210 in the fall quarter, Cookery 210 in the winter quarter, and Cookery 220 in the spring quarter.

(26) Sophomore students of the Household Arts Course who major in Foods and Cookery and who elect Textiles and Clothing, will take Design 210 or Textiles 221 in the fall quarter, Sewing 210 in the winter quarter, and Sewing 220 in the spring quarter.

(27) A detailed description of all courses offered in the College is given in this catalogue. This description indicates the nature of the work, the number of lecture or recitation periods, the number of laboratory periods, and the value of the course in units.

HOUSEHOLD ARTS COURSE

Foods and Cookery Group FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
Chemistry 110----- 3	Chemistry 120----- 3	Chemistry 130----- 3
Cookery 110----- 3	Cookery 120----- 3	Sewing 130----- 3
English 110----- 3	English 120----- 3	English 130----- 3
Design 110----- 2	Sewing 120----- 3	Physiology 131----- 3
Textiles 110----- 2	Elective ----- 3	Elective ----- 3
Elective ----- 3		
16	15	15

SOPHOMORE

Cookery 210----- 3	Cookery 220----- 3	Sanitation 232a----- 2
Organic Chemistry 210-- 3	Food Chemistry 220---- 3	Home Nursing 230----- 3
Bacteriology 213----- 3	Dietetics 221----- 3	Dietetics 231----- 2
History 210 or 211----- 3	History 220 or 221----- 3	History 230 or 231----- 3
Elective ----- 3	Elective ----- 3	Laundrying 222a----- 2
		Elective ----- 3
15	15	15

JUNIOR

Cookery 310----- 3	Cookery 320 ----- 3	Cookery 330----- 3
Household Physics 310_ 3	Household Physics 320_ 3	Home Economics 333_ 3
Economics 310----- 3	Economics 320----- 3	Sociology 330----- 3
Elective ----- 6	Elective ----- 6	Elective ----- 6
15	15	15

SENIOR

Cookery 410----- 3	Cookery 420 or 421---- 3	Cookery 430 or 431---- 3
Physiological	Physiological	Physiological
Chemistry 410----- 3	Chemistry 420----- 3	Chemistry 430----- 3
Nutrition 412----- 3	Nutrition 422----- 3	Interior Decoration 430_ 3
Elective ----- 6	Elective ----- 6	Elective ----- 6
15	15	15

HOUSEHOLD ARTS COURSE

Textile and Clothing Group FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
Chemistry 110_____ 3	Chemistry 120_____ 3	Chemistry 130_____ 3
Cookery 110_____ 3	Cookery 120_____ 3	Sewing 130_____ 3
English 110_____ 3	English 120_____ 3	English 130_____ 3
Design 110_____ 2	Sewing 120_____ 3	Physiology 131_____ 3
Textiles 110_____ 2	Elective _____ 3	Elective _____ 3
Elective _____ 3		
16	15	15

SOPHOMORE

Sewing 210_____ 3	Sewing 220_____ 3	Sewing 230_____ 3
Design 210_____ 3	Textiles 221_____ 2	Home Economics 232_____ 3
Bacteriology 213_____ 3	Sanitation 232_____ 2	Home Nursing 230_____ 3
History 210 or 211_____ 3	Laundering 222_____ 2	History 230 or 231_____ 3
Elective _____ 3	History 220 or 221_____ 3	Elective _____ 3
	Elective _____ 3	
15	15	15

JUNIOR

Costume Design 310_____ 3	Millinery 321_____ 2	Sewing 330_____ 3
Historic Costume 310_____ 3	Clothing 320_____ 3	Millinery 331_____ 2
Economics 310_____ 3	Economics 320_____ 3	Sociology 330_____ 3
Elective _____ 6	Interior	Interior
	Decoration 322_____ 2	Decoration 332_____ 1
	Elective _____ 6	Elective _____ 6
15	16	15

SENIOR

Dressmaking 410_____ 3	Dressmaking 420_____ 3	Dressmaking 430_____ 3
Textiles 411_____ 3	Textiles 421_____ 3	Textiles 431_____ 3
Design 410_____ 3	Costume Design 421_____ 3	Advanced
Elective _____ 6	Elective _____ 6	Needlework 432_____ 3
		Elective _____ 6
15	15	15

FINE AND APPLIED ARTS COURSE

FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
Free Hand Perspective 116----- 2 Water Color 113----- 1 Design 112----- 2 Mechanical Draw- ing 110----- 1 Cast Drawing 114----- 1 Craft 117----- 2 English 110----- 3 Elective ----- 3 15	Free Hand Perspective 124----- 2 Water Color 122----- 1 Design 121----- 2 Mechanical Draw- ing 120----- 1 Cast Drawing 123----- 1 Craft 125----- 2 English 120----- 3 Elective ----- 3 15	Free Hand Perspective 133----- 2 Water Color 131----- 1 Design 130----- 2 Mechanical Draw- ing 130----- 1 Cast Drawing 132----- 1 Craft 134 ----- 2 English 130----- 3 Elective ----- 3 15

SOPHOMORE

Free Hand Perspective 217----- 2 Water Color 215----- 1 Design 213----- 1 Projective and Mechan- ical Perspective 210----- 1 Cast Drawing 216----- 1 History 210 or 211----- 3 Elective ----- 6 15	Free Hand Perspective 225----- 2 Water Color 223----- 1 Design 221----- 1 Projective and Mechan- ical Perspective 220----- 1 Cast Drawing 224----- 1 History 220 or 221----- 3 Elective ----- 6 15	Free Hand Perspective 233----- 2 Water Color 231----- 1 Design 230----- 1 Projective and Mechan- ical Perspective 230----- 1 Cast Drawing 232----- 1 History 230 or 231----- 3 Elective ----- 6 15
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JUNIOR

Applied Design 312----- 3 History of Sculpture and Architecture 316----- 1 Composition 317----- 1 Drawing from Life 313----- 2 Craft ----- 2 Elective ----- 6 15	Applied Design 321----- 3 History of Sculpture and Architecture 325----- 1 Composition 326----- 1 Drawing from Life 323----- 2 Craft ----- 2 Elective ----- 6 15	Applied Design 331----- 3 History of Sculpture and Architecture 335----- 1 Composition 336----- 1 Drawing from Life 333----- 2 Craft ----- 2 Elective ----- 6 15
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SENIOR

Drawing and Painting from Life 413----- 2 History of Painting 414----- 3 Water Color 412----- 4 Elective ----- 6 15	Drawing and Painting from Life 423----- 2 Design and Interior Decoration 420----- 3 Water Color 422----- 4 Elective ----- 6 15	Drawing and Painting from Life 433----- 2 Design and Interior Decoration 431----- 3 Water Color 432----- 4 Elective ----- 6 15
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LITERARY COURSE

FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
English 110----- 3	English 120----- 3	English 130----- 3
Elect One: ----- 3	Elect One: ----- 3	Elect One: ----- 3
French 111	French 121	French 131
German 110	German 120	German 130
Latin 112-----4	Latin 122-----4	Latin 132-----4
Elect One: ----- 3	Elect One: ----- 3	Elect One: ----- 3
Chemistry 110	Chemistry 120	Chemistry 130
Botany 112	Botany 122	Botany 132
Zoology 110	Zoology 120	Zoology 130
Mathematics 110----- 3	Mathematics 120----- 3	Mathematics 130----- 3
Elective ----- 3	Elective ----- 3	Elective ----- 3
15 or 16	15 or 16	15 or 16

SOPHOMORE

English 210 or 211-----3	English 220 or 221----- 3	English 230 or 231----- 3
Elect One: ----- 3	Elect One: ----- 3	Elect One: ----- 3
French 211	French 221	French 231
German 210	German 220	German 230
Latin 212	Latin 222	Latin 232
Science ----- 3	Science ----- 3	Science ----- 3
History 210 or 211----- 3	History 220 or 221----- 3	History 230 or 231----- 3
Elective ----- 3	Elective ----- 3	Elective ----- 3
15	15	15

JUNIOR

Elect One: ----- 3	Elect One: ----- 3	Elect One: ----- 3
French 311	French 321	French 331
German 310	German 320	German 330
Latin 312	Latin 322	Latin 332
Economics 310----- 3	Economics 320----- 3	Sociology 330----- 3
English 310----- 3	English 320----- 3	English 330----- 3
Elective ----- 6	Elective ----- 6	Elective ----- 6
15	15	15

SENIOR

Elect One: ----- 3	Elect One: ----- 3	Elect One: ----- 3
French 411	French 421	French 431
German 410	German 420	German 430
Latin 412	Latin 422	Latin 432
Elect One: ----- 3	Elect One: ----- 3	Elect One: ----- 3
Mathematics 210	Mathematics 220	Mathematics 230
History	History	History
Sociology	Sociology	Sociology
Elective ----- 9	Elective ----- 9	Elective ----- 9
15	15	15

MANUAL ARTS COURSE No. 1

Major: Woodwork FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
Woodwork 113----- 2	Woodwork 123----- 3	Woodwork 133----- 3
Free Hand Drawing 115_ 4	Mechanical Drawing 121_ 3	Mechanical Drawing 131_ 3
Design 111----- 3	Design 120----- 3	Industrial Mathe-
English 110----- 3	English 120----- 3	matics 131----- 3
Elective ----- 3	Elective ----- 3	English 130----- 3
15	15	15

SOPHOMORE

Design 211----- 6	Botany 221----- 3	Botany 231----- 3
Household Physics 310_ 3	Household Physics 320_ 3	Free Hand
History 210----- 3	History 220----- 3	Perspective 234----- 6
Elective ----- 3	Woodwork 224----- 3	History 230----- 3
15	15	15
	Elective ----- 3	Elective ----- 3

JUNIOR

Woodwork 314----- 3	Woodwork 324----- 3	Woodwork 334----- 3
Mechanical Drawing 310_ 3	Mechanical Drawing 320_ 6	Mechanical Drawing 330_ 3
Basketry 218----- 3	Elective ----- 6	Methods 335----- 3
Elective ----- 6	15	Elective ----- 6
15		15

SENIOR

Woodwork 412----- 4	Woodwork 422----- 4	Woodwork 432----- 4
Primary Hand Craft 413 2	Primary Hand Craft 423 2	Primary Hand Craft 433 2
Elective ----- 9	Elective ----- 9	Elective ----- 9
15	15	15

MANUAL ARTS COURSE No. 2

Major: Metal or Craft Work

FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
Design 111_____ 3	Design 120_____ 3	Industrial
Free Hand Drawing 115_ 4	Mechanical Drawing 121_ 3	Mathematics 131_____ 3
Metal 111_____ 2	Metal 121_____ 3	Mechanical Drawing 131_ 3
English 110_____ 3	English 120_____ 3	Metal 131_____ 3
Elective _____ 3	Elective _____ 3	English 130_____ 3
15	15	15

SOPHOMORE

Basketry 218_____ 3	Metal 223_____ 3	Metal 233_____ 3
Water Color and	Water Color and	Free Hand
Design 214_____ 3	Design 222_____ 3	Perspective 234_____ 3
Household Physics 310_ 3	Household Physics 320_ 3	Basketry 236_____ 3
History 210_____ 3	History 220_____ 3	History 230_____ 3
Elective _____ 3	Elective _____ 3	Elective _____ 3
15	15	15

JUNIOR

Metal 310_____ 3	Elect One: _____ 6	Elect One: _____ 6
Design 311_____ 3	Silver Smithing 322	Silver Smithing 332
Clay Modeling 314_____ 3	Bookbinding 324	Bookbinding 334
Elective _____ 6	Elect One: _____ 3	Elect One: _____ 3
	Woodwork 123	Woodwork 133
	Wood Carving 323	Wood Carving 333
15	Elective _____ 6	Elective _____ 6
	15	15

SENIOR

Elect One: _____ 4	Elect One: _____ 4	Elect One: _____ 4
Jewelry 411	Jewelry 421	Jewelry 431
Woodwork 224	Bookbinding 424	Pottery 434
Primary Hand Craft 413_ 2	Primary Hand Craft 423_ 2	Primary Hand Craft 433_ 2
Elective _____ 9	Elective _____ 9	Elective _____ 9
15	15	15

MANUAL ARTS COURSE No. 3

Major: Drawing and Design FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
Design 111----- 3	Design 120----- 3	Industrial
Free Hand Drawing 115_ 4	Mechanical Drawing 121_ 3	Mathematics 131----- 3
Woodwork 113----- 2	Woodwork 123----- 3	Mechanical Drawing 131_ 3
English 110----- 3	English 120----- 3	Metal 111a----- 3
Elective ----- 3	Elective ----- 3	English 130----- 3
15	15	15

SOPHOMORE

Design 212----- 6	Design 220----- 3	Free Hand
History 210----- 3	History 220----- 3	Perspective 234----- 6
Household Physics 310_ 3	Household Physics 320_ 3	History 230----- 3
Elective ----- 3	Mechanical Drawing 221_ 3	Mechanical Drawing 231_ 3
15	15	15
	Elective ----- 3	Elective ----- 3

JUNIOR

Mechanical Drawing 311_ 3	Mechanical Drawing 321_ 3	Mechanical Drawing 331_ 3
Design 311----- 3	Design 320----- 3	Design 330----- 3
Basketry 218----- 3	Descriptive	Descriptive
Elective ----- 6	Geometry 326----- 3	Geometry 336----- 3
15	15	15
	Elective ----- 6	Elective ----- 6

SENIOR

Applied Design 411----- 6	House Construction and	House Construction and
Elective ----- 9	House Plans 420----- 6	House Plans 430----- 6
15	15	15
	Elective ----- 9	Elective ----- 9

RURAL ARTS AND SCIENCE COURSE

FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
Agriculture 110----- 3	Agriculture 120----- 3	Poultry 130----- 3
Zoology 110 or Botany 112----- 3	Zoology 120 or Botany 122----- 3	Zoology 130 or Botany 132----- 3
English 110----- 3	English 120----- 3	English 130----- 3
Chemistry 110----- 3	Chemistry 120----- 3	Chemistry 130----- 3
Elective ----- 3	Elective ----- 3	Elective ----- 3
15	15	15

SOPHOMORE

History 210 or 211----- 3	History 220 or 221----- 3	History 230 or 231----- 3
Bacteriology 213----- 3	Horticulture 221----- 3	Floriculture 231----- 3
Elect One: ----- 3	Elect One: ----- 3	Elect One: ----- 3
Zoology 110 or Botany 112 or Zoology 210 or Botany 212	Zoology 120 or Botany 122 or Zoology 220 or Botany 222	Zoology 130 or Botany 132 or Zoology 230 or Botany 232
Dairying 210----- 3	Dairying 220----- 3	Landscape Garden- ing 232 ----- 3
Elective ----- 3	Elective ----- 3	Elective ----- 3
15	15	15

JUNIOR

Animal Husbandry 310_ 3	Economic Entomology__ 3	Economic Entomology 330 ----- 3
Zoology 210 or Botany 212 ----- 3	Zoology 220 or Botany 222----- 3	Zoology 230 or Botany 232----- 3
Household Physics 310 or a Natural Science__ 3	Household Physics 320 or a Natural Science__ 3	15
Elective ----- 6	Elective ----- 6	15
15	15	15

SENIOR

Plant Breeding 410----- 3	Plant Breeding 420----- 3	Animal Nutrition 430---- 3
Food Chemistry 210----- 3	Food Chemistry 220----- 3	Advanced Science----- 3
Advanced Science ----- 3	Advanced Science ----- 3	Elective ----- 9
Elective ----- 6	Elective ----- 6	15
15	15	15

MUSIC COURSE

FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
Piano 113, Voice 114, or Violin 115----- 1	Piano 123, Voice 124, or Violin 125----- 1	Piano 133, Voice 134, or Violin 135----- 1
Ear Training, Elements of Theory and Harmony 110----- 1	Ear Training, Elements of Theory and Harmony 120----- 1	Ear Training, Elements of Theory and Harmony 130----- 1
Music Appreciation 111_ 1	Music Appreciation 121_ 1	Music Appreciation 131_ 1
English 110----- 3	English 120----- 3	English 130----- 3
French 111 or German 110----- 3	French 121 or German 120----- 3	French 131 or German 120----- 3
* ----- 3	* ----- 3	* ----- 3
Elective ----- 3	Elective ----- 3	Elective ----- 3
15	15	15

SOPHOMORE

Piano 212, Voice 213, or Violin 214----- 1	Piano 222, Voice 223, or Violin 224----- 1	Piano 232, Voice 233, or Violin 234----- 1
Harmony 210----- 1	Harmony 220----- 1	Harmony 230----- 1
History of Music 211_ 1	History of Music 221_ 1	History of Music 231_ 1
English 210----- 3	English 220----- 3	English 230----- 3
French 211 or German 210----- 3	French 221 or German 220----- 3	French 231 or German 230----- 3
* ----- 3	* ----- 3	* ----- 3
Elective ----- 3	Elective ----- 3	Elective ----- 3
15	15	15

JUNIOR

Piano 312, Voice 313, or Violin 314----- 1	Piano 322, Voice 323, or Violin 324----- 1	Piano 332, Voice 333, or Violin 334----- 1
Advanced Harmony 310_ 2	Advanced Harmony 320_ 2	Advanced Harmony 330_ 2
History of Art----- 1	History of Art----- 1	History of Art----- 1
English 211----- 3	* ----- 5	* ----- 5
* ----- 5	Elective ----- 6	Elective ----- 6
Elective ----- 3		
15	15	15

SENIOR

Piano 413, Voice 414, or Violin 415----- 1	Piano 423, Voice 424, or Violin 425----- 1	Piano 433, Voice 434, or Violin 435----- 1
Special Studies in His- tory and Criticism of Music 411----- 1	Special Studies in His- tory and Criticism of Music 421----- 1	Comparative Aesthetics 431----- 1
Composition and Counterpoint 410_ 1	Composition and Counterpoint 420_ 1	Form and Analysis 430_ 1
Sight-reading, Ensemble and Accompanying 412_ 1	Sight-Reading, Ensem- ble and Accompany- ing 422----- 1	Sight-Reading, Ensem- ble and Accompany- ing 432----- 1
* ----- 5	* ----- 5	* ----- 5
Elective ----- 6	Elective ----- 6	Elective ----- 6
15	15	15

*These credits are allowed for practice.

Minimum for violin and piano practice in Freshman and Sophomore years, two hours daily.

Minimum for violin and piano in Junior and Senior years, three hours daily.

Sight-singing and Chorus fill out the time allowed to voice students for practice credits; i. e., they receive no additional credit for Chorus, as from one-half hour to one and one-half hours is the daily practice requirement.

EXPRESSION COURSE

FRESHMAN

FALL QUARTER. 1-3 Units.	WINTER QUARTER. 1-3 Units.	SPRING QUARTER. 1-3 Units.
Expression (Individual Lessons) 110___ 1	Expression (Individual Lessons) 120___ 1	Expression (Individual Lessons) 120___ 1
Expression (Class Lessons) 111_____ 3	Expression (Class Lessons) 121_____ 3	Expression (Class Lessons) 131_____ 3
English 110_____ 3	English 120_____ 3	English 130_____ 3
Physical Training 112___ 2	Physical Training 122___ 2	Physical Training 132___ 2
Elective _____ 6	Elective _____ 6	Elective _____ 6
15	15	15

SOPHOMORE

Expression (Individual Lessons) 210__ 1	Expression (Individual Lessons) 220__ 1	Expression (Individual Lessons) 230___ 1
Expression (Class Lessons) 211_____ 3	Expression (Class Lessons) 221_____ 3	Expression (Class Lessons) 231_____ 3
English 210_____ 3	English 220_____ 3	English 230_____ 3
Physical Training 211___ 2	Physical Training 221___ 2	Physical Training 231___ 2
Elective _____ 6	Elective _____ 6	Elective _____ 6
15	15	15

JUNIOR

Expression (Individual Lessons) 310___ 1	Expression (Individual Lessons) 320___ 1	Expression (Individual Lessons) 330___ 1
Expression (Class Lessons) 311_____ 3	Expression (Class Lessons) 321_____ 3	Expression (Class Lessons) 331_____ 3
English 211_____ 3	English 221_____ 3	English 231_____ 3
Psychology 210_____ 3	Psychology 220_____ 3	Ethics 331_____ 3
Physical Training 310___ 2	Physical Training 320___ 2	Physical Training 330___ 2
Elective _____ 3	Elective _____ 3	Elective _____ 3
15	15	15

DESCRIPTION OF COURSES BY DEPARTMENTS

DEPARTMENT OF FOODS AND COOKERY

Director, CORABEL WEIMER
SARAH BEST
ALICE C. FAIRCHILD
EDITH M. GORDON
EDITH B. INGHAM
AGNES M. MILNE
LAURA F. NEALE
MARY ROHAN
CORNELIA L. SIMSON
JET C. WINTERS

The courses in cookery have been divided into four years of graded work, and are planned to give a broad knowledge of foods, their production, care, preparation, cooking, and serving, as well as to make the student familiar with the composition of foods, their digestion and assimilation, and their value to the body. The courses are planned to meet the needs of three classes of students: (1) Young women who desire a knowledge of home making and of household administration; (2) Those who are preparing to teach Household Science; (3) Those who are preparing for some phase of institutional management.

Cookery 110-120.

Freshman year, fall and winter quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, two units.

This course includes the study of foods, as to their production, manufacture, general composition, and nutritive value; the effect of heat upon foods; their preparation, cooking, and serving. Typical ways of cooking are studied and common processes best suited to the material to be cooked are used. The cost of foods is studied, and the cost of lessons computed, which serves as a basis for comparison. Neatness and definiteness, and the use and care of laboratory equipment are a part of every lesson.

Cookery 210-220.

Sophomore year, fall and winter quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, two units. Prerequisites, Chemistry 110-120-130 and Cookery 110-120.

Chemistry 210-220 must be taken parallel by students majoring in foods and Cookery. See General Statement No. 25, page 34.

This course includes a general review of the theory and processes of cooking; the study of receipts as to types, collecting them into groups and arranging them in tables; the

principles and practice of canning and preserving; jelly, jam, and pickle making; and the cooking and serving of a breakfast and a luncheon, with the study of different kinds of service.

Cookery 310-320-330.

Junior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, three units. Prerequisites: Cookery 210-220; Organic and Food Chemistry 210-220; and Dietetics 221-231.

This course includes advanced cookery, practical cooking in large quantities, invalid cooking, and the study of foods as they are grouped into meals. Menus are made and meals cooked and served with special reference to simplicity in preparation, daintiness in serving, and limited cost. In the serving of meals and in various forms of entertainment the student assumes at different times the duties of hostess, guest, and waitress. Included in this course is the housekeeping experiment in the Demonstration Cottage.

Cookery 410-420-430.

Senior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, three units. Prerequisite, Cookery 310-320-330.

The aim of this course is to place food preparation on a scientific basis, and to systematize methods of work. Cooking processes are considered, with special emphasis upon the underlying chemical and physical principles. Attention is given to the study of recipes and the comparative cost of fuel involved. More elaborate forms of cookery are included in this course, also the study of the menu, of table service, including work in the serving of meals, large quantity cooking, and the giving of demonstrations. Each pupil will be required to do research work upon a given problem and present a careful report of her experiment and conclusion.

Institutional Cookery and Management 421-431.

Elective in Senior year, winter and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, two units. A course for students in the department of Food Study and Administration who are interested in Institutional Management. Prerequisite, three years of college work in the department of Food Study and Administration.

Lectures are given dealing with institutional buying, equipment, help, management, etc. Two hours a week are spent in the Food Department of the State dormitories, where practical work will be given in large quantity cookery; care of the store room, handling institutional equipment, keeping accounts, taking inventories, and other phases of the subject. Two hours a week are given to practical, quick work in comparatively large quantity cookery. This is taught in one of the Domestic

Science laboratories, and the food products are used in the Cafateria, or turned over to the dormitory, or disposed of in a food sale.

Cookery 111-121-131.

A General Course in Practical Cooking and Serving.

Elective in any year. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, two units. No prerequisites.

This course is designed for special students, or as an elective course for College students who are not taking the Household Arts Course, and who desire some knowledge of practical cookery such as is directly applicable to the home. It will include a study of the selection and preparation of foods and their appropriate service, applied in the planning, cooking, and serving of breakfasts, luncheons, dinners and suppers. General fundamental principles and cooking processes will be studied in their application to the preparation of fruits, including their preservation, cereals, eggs, milk, fish, meats, soups, butters, breads, pastry, cakes, puddings, salads, croquettes, souffles, entrees, frozen desserts, and candies.

Demonstrations in Cookery 311, 311a, 311b.

Elective in fall, winter, or spring quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Prerequisites, Cookery 110-120 and 210-220. 311a and 311b are repetitions of 311, and are given in the winter and spring quarters respectively.

The purpose of this course is to give to students practice in public lectures and demonstrations, such as will equip for canning club or other extension work, and will also be of use in teaching. The course will include lectures and demonstrations by the instructor and individual practice.

Dietetics 221-231.

Sophomore year, winter and spring quarters. Winter quarter, lecture and recitation, one hour a week; laboratory, four hours a week: spring quarter, lecture and recitation, one hour a week; laboratory, two hours a week. Credit, one and two-thirds units. Pre-requisites, Cookery 210 and Organic Chemistry, 210. Parallel Food Chemistry 220 and Cookery 220.

The aim is to present the fundamental principles of nutrition and their application in the feeding of individuals and families under the varying physiological and social conditions. Foods are studied with reference to their nutritive function, the total potential energy of the various food products being determined on the basis of the 100-calorie portion. These foods are grouped into meals, which are based upon individual energy requirements, are prepared in the food laboratory, and served to the various groups represented in the dietaries. Dietetic treatment in diseases, and infant and child feeding are also features of the work.

Nutrition and Advanced Dietetics 412-422.

Senior year, fall and winter quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Prerequisites, Cookery 310-320-330, and Dietetics 221-231. Parallel, Physiological and Food Chemistry. 410-420-430.

This course extends the work given in the second year of the College Course. It reviews the nutritive functions of the food stuffs and the fuel value of food. It treats in detail of the quantitative basis of dietetics, dietary studies, the relation of diet to the more common disorders of nutrition, and the comparative economy and nutritive values of different types of foods. The course includes advanced work in the study of food values and the chemistry of human nutrition.

Home Economics 333.

Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, Economics 310-320.

This course considers the home as the focus of many arts and sciences. Business methods and the budget are discussed, and representative budgets are presented for discussion by the various members of the class. Food is considered as to cost, influenced by variation in source and means of production; needful and wasteful expense; buying in quantity, storage, comparison of best and poorer grades; meats—cuts, comparative prices and values; vegetables and fruits—relative cost and value in and out of season. The following topics are also included: housing—ownership versus rental; equipment in relation to income; household expenditures—factors determining expenses; keeping accounts, prevention of excessive expenditures; systems of keeping accounts in the home; household organization—system in the household; division of labor; domestic service; care of the house, including the various cleaning processes.

Domestic Laundering 222, 222a.

Sophomore year, winter or spring quarter. Lecture and recitation, one hour a week; laboratory, two hours a week. Credit, two-thirds unit. Prerequisite, Chemistry 110-120-130. Course 222a is a repetition of course 222.

The purpose of the course in laundering is to give the student knowledge of the scientific principles involved, with sufficient practical work to produce good results. The following general topics are studied: home laundry room and equipment; care of room and equipment; reasons for washing—sanitary and aesthetic; study of fibres and how to cleanse each, as illustrated in practical work with cotton, linen, silk and woolen garments; effect of hard and soft water, and how to treat; different cleansing re-agents, preparation and use of each; study of and experiments with common bluing; various stiffening materials, their preparation and proper use. Practice work includes the various processes of laundering, such as thin and stiff starching, and the removal of stains. The dry cleaning of cottons, silks, woolens,

laces, and gloves is demonstrated, and the students have lessons in the practical work. Water proofing and fire proofing are also taught in the same way. Students who so desire are encouraged and given opportunity to do their own laundering outside of class work. Schedules are arranged for this purpose.

Sanitation 232, 232a.

Sophomore year, winter or spring quarter. Lecture and recitation, two hours a week. Credit, two-thirds unit. Prerequisites, Chemistry 110-120-130, and Bacteriology 213. Course 232a is a repetition of course 232.

This course includes a study of the following subjects; the house as to location and structure, water supply, disposal of waste. heating and ventilation, lighting, healthful furnishings; the home kitchen, its arrangement, fixtures, furnishings, and equipment; care and cleaning of the house; household pests.

Marketing 233.

Elective in Sophomore or Junior year, spring quarter. Lecture and recitation, one hour a week. Credit, one-third unit. Prerequisite, one year of Cookery.

This course deals with the economical purchasing of food supplies, methods of buying and accounting, tests for quality and quantity. Foods are considered in relation to supply, season, and cost, with discussion of the various systems of buying, basis of selection, and methods of reducing the cost of food. The field work includes visits to available sources of food production as well as to retail markets.

Special Methods 332.

Elective in Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisites, Cookery 310-320. Dietetics 221-231. General Methods 230.

This course will include a discussion of the various methods of presenting Household Science subjects, the logical sequence of topics to be included in courses of study, relation and sequence of other subjects, laboratories, including arrangement and equipment, business methods and management.

DEPARTMENT OF TEXTILES AND CLOTHING

Director, VIRGINIA BABB
 NELLE BATCHELOR
 BLANCHE BRADLEY
 ADAH HENRIETTA HESS
 KATHLEEN CRAIG SMITH
 GERTRUDE STRICKLAND
 KATHRYN TORPHY
 HARRIET WAIGLI

Textiles 110.

Freshman year, fall quarter. Lecture and recitation, two hours a week. Credit, two-thirds unit.

This course considers primitive forms of textile industries in order to make clear their later development; the present method

of spinning and weaving; the modern growth and processes of the manufacture of cotton and linen; and the discussion of the economic and hygienic value of different cotton and linen materials.

Textiles 221.

Sophomore year, winter quarter. Lecture and recitation, one hour a week; laboratory two hours a week. Credit, two-thirds unit. Prerequisite, Textiles 110.

This course continues the work begun in Textiles 110.

Textiles 411.

Senior year, fall quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Prerequisites, Textiles 221.

The work here given is a survey of the production, history, manufacture, and economics of textiles. It is a study of the characteristics of the various fibers; of the factors favorable and unfavorable to the production of good fibers; and of the manufacturing processes which affect durability, use, or appearance of the fabric.

Textiles 421.

Senior year, winter quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Prerequisites, Textiles 411. A continuation and extension of Textiles 411.

Textiles 431.

Senior year, spring quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Prerequisites, Textiles 421. A continuation and extension of Textiles 421.

Textiles 322-332—Weaving.

Elective in Junior year, winter and spring quarters. Lecture and recitation, one hour a week; laboratory, two hours a week. Credit, one and one-third units. Prerequisites, Textiles 221 and Design 110.

This course considers hand weaving and includes practice in the warping and various processes preparatory to the weaving and making of Colonial and fancy rugs.

Textiles 412-422-432—Weaving.

Elective in Senior year, fall, winter, and spring quarters. Laboratory, six hours a week. Credit, three units. Prerequisites, Textiles 322-332.

This is a continuation of Textiles 322-332, and includes weaving of plain cloth and typical Colonial and Swedish patterns, also simple original designs applied to table runners, towels, dresser scarfs, etc.

Sewing 120-130.

Freshman year, winter and spring quarters. Laboratory, six hours a week. Credit, two units. Prerequisites, Textiles 110 and Design 110.

This course deals with the fundamentals of plain, hand, and machine sewing and the operation and care of machines. Decorative stitches and methods used in household and costume art are studied. Students are required to make working plans for all typical problems of constructive sewing. So far as possible students use design and color schemes made by them in the Art Department. Students plan and make undergarments and house furnishings. In connection with each article a strict account of the time and money is required. Pattern making and the use of commercial patterns are taught. In the spring quarter students plan and make bedding, table linen, draperies, and other furnishings for the Demonstration Cottage.

Sewing 210-220-230.

Sophomore year, fall, winter, and spring quarters. Laboratory, six hours a week. Credit, three units. Prerequisites, Sewing 120-130. Design 210 must be taken during fall quarter of Sophomore year by students majoring in Textiles and Clothing. (See General Statement No. 26, page 34).

This course establishes the fundamental principles of elementary dressmaking; and gives practice in the drafting, cutting, fitting, and making of patterns, and in purchasing appropriate materials to be used in practical problems and in application of the principles taught. In the spring quarter students are taught to apply directly the theoretical work they have already had in patterns, in design principles, in textiles, and in the economic art of shopping. The instructor limits the cost of garments bought by students.

Sewing 310—Historic Costume.

Sewing 320—Clothing.

Sewing 330—Dressmaking.

Junior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, three units. Prerequisites, Sewing 210-220-230. Design 310 must be taken during fall quarter of Junior year.

A brief history of costume will be given to establish understanding of the chief historic and characteristic types of clothing. In this course the student makes practical application of the work done in Costume Design. The student makes a dress of wool or silk after the design has been made in water-color and worked out in paper or crinoline model. The course also includes the designing and making of an afternoon dress, lingerie waists, and a simple graduation dress of dainty white wash material. The cost of the garments is to be limited by the instructor.

Sewing 410-420-430—Dressmaking.

Senior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, three units. Prerequisites, Sewing 310-320-330, or its equivalent.

Design 410 and Costume Design 421 must be taken parallel.

This course considers experimental and original work in designing gowns and other garments in tissue paper and crinoline, and working them out in finer textile fabrics.

Tailoring as applied to women's and children's garments. Evening gowns and wraps.

Sewing 432—Advanced Needlework.

Senior year, spring quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Prerequisites, Sewing 310-320-330.

All forms of decorative needlework are studied, classified, and adapted to the appropriate ornamentation of household furnishings, lingerie, and dresses.

Sewing 111-121-131—Practical Sewing.

Elective in fall, winter, and spring quarters. Laboratory, six hours a week. Credit, two units.

This course aims to give a practical knowledge of hand and machine sewing and the principles of dressmaking needed in the home. It includes practice in the cutting, fitting, and making of garments and household furnishings. The course will be repeated in winter and spring quarters for beginners. Since this course requires only a limited knowledge of the correlated subjects, it is given two units of credit instead of three.

Sewing 213, 213a, 213b—Embroidery.

Elective in fall, winter, or spring quarter. Laboratory, four hours a week. Credit, two-thirds unit. Prerequisites, Sewing 210-220, and Design 210. Sewing 213a and Sewing 213b are repetitions of Sewing 213 and are given in the winter and spring quarters respectively.

All forms of decorative needlework are studied, classified, and adapted to household furnishings, lingerie, and dresses.

Millinery 321-331.

Junior year, winter and spring quarters. Laboratory, four hours a week. Credit, one and one-third units. Prerequisites: Sewing 120 and 130; Design 210; and Costume Design 310.

The following work is covered in the course in millinery: studying types and styles that combine well with various forms of costume; the designing and drafting of hat patterns; constructing wire and buckram frames; original designing based on individual needs for comfort, usefulness and artistic effects; methods of trimming and artistic bow-making, etc. The renovation of old materials is demonstrated and the materials used when possible.

Millinery 430—Advanced Millinery.

Elective in Senior year, spring quarter. Laboratory, four hours a week. Credit, two-thirds unit. Prerequisites: Textiles 221; Sewing 120 and 130; Design 210; and Costume Design 310.

This course continues the work of Millinery 331 with more practice on the making and trimming of elaborate hats, the making of flowers, etc.

Methods 333—Domestic Art Methods.

Elective in Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisites: Textiles 221; Sewing 310-320; and General Methods 230.

This course considers the relations of domestic art subjects to education; the different schools in which these subjects are taught; their place in the curriculum; and the methods employed in teaching them. Lessons, courses of study, and problems of equipment and cost are planned and discussed.

Economics 232—Home Economics.

Sophomore year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisites: Sewing 210-220; Textiles 221; and Design 210.

This course offers a study of the principles and processes governing the care of clothing and household fabrics; also the conditions controlling the manufacture and sale of clothing. The cost of clothing and textile household furnishings are studied from budgets made by the class.

DEPARTMENT OF FINE AND APPLIED ARTS

Director, MARY W. SHACKELFORD
WILLIE R. JOHNSTON
MATTIE LEE LACY
BLANCHE A. SLOAT
ANNE L. STROTHER

Design 110—Household Arts Design.

Freshman year, fall quarter. Laboratory, four hours a week. Credit, two-thirds unit.

This course includes a study of the principles of Design, and the theory and the use of color and color harmony. Special attention is given to conventionalization and the decorative use of nature forms.

Design 111-120—Manual Arts Design.

Freshman year, fall and winter quarters. Laboratory, six hours a week. Credit, two units.

For description of fall quarter, see Design 110. During the second quarter, the principles of Design are applied in decorating useful articles such as desk pads and portfolios, and simple home furnishings such as stenciled table covers, cushion tops, curtains, scarfs, etc.

Design 112-121-130—Fine and Applied Arts Design.

Freshman year, fall, winter, and spring quarters. Laboratory, four hours a week. Credit, two units.

For description of the fall and winter quarters, see Design 111-120. During the spring quarter, a study is made of the Roman alphabet in its classic form and in subsequent treatments, attention being given to appropriate modifications for modern uses. Problems are introduced in the lettering of titles and book covers, using Roman and Gothic styles, special emphasis being given to the spacing and arrangement.

Design 210—Household Arts Design.

Sophomore year, fall quarter. Laboratory, six hours a week. Credit, one unit. Prerequisites, Design 110.

In this class the principles of Design—line, spacing, symmetry, and rhythm—are applied to dress. Gowns and accessories for special types and occasions are studied and designed. Much attention is given to color in relation to dress.

Design 211—Manual Arts Design.

Sophomore year, fall quarter. Laboratory, twelve hours a week. Credit, two units.

This course is a continuation of Design 120. In this class a brief study is made of period furniture. Designs are made for furniture to be constructed in classes in Woodworking.

Design 212-220—Manual Arts Design and Lettering.

Sophomore year, fall and winter quarters. Laboratory, twelve hours a week in course 212; laboratory, six hours a week in course 220. Credit, three units. Prerequisites, Design 120.

This course is a continuation of Design 120, and more advanced problems are given. Designs are made to be developed afterwards in metal.

Design 213-221-230—Fine and Applied Arts Design and Lettering.

Sophomore year, fall, winter, and spring quarters. Laboratory, two hours a week. Credit, one unit. Prerequisites, Design 130.

This course is a continuation of Design 130. More advanced problems are given.

Design 310—Household Arts Costume Design.

Junior year, fall quarter. Laboratory, six hours a week. Credit, one unit. Prerequisites, Design 210.

This course is a continuation of Design 210.

Design 311-320-330—Manual Arts Design and Lettering.

Junior year, fall, winter, and spring quarters. Laboratory, six hours a week. Credit, three units. Prerequisite, Design 211.

This course is a continuation of Design 211, more advanced work being given.

Design 312-321-331—Fine and Applied Arts Design and Bookbinding.

Junior year, fall, winter, and spring quarters. Laboratory, six hours a week. Credit, three units. Prerequisite, Design 230.

In the fall quarter, an appreciation of the higher harmonies of color is developed through a study of the masterpieces of color.

Copying of fine color schemes from textiles and Japanese prints is required. Exercises in spacing are given. The stencil and the wood block print are the mediums used for the development of pattern.

The work of the winter quarter includes a study of the work from leading potteries, for suggestions in design and shape. Original designs are applied by incision and modeling. (See Craft 434-Pottery).

The problems given in the spring quarter include the binding of books and magazine articles. Linen, buckram, and leather are the materials used. Designs are applied by means of gold and blind tooling.

Design 322-332—Household Arts Design and Interior Decoration.

Junior year, winter and spring quarters. Lecture and recitation, one hour a week during the winter quarter; laboratory, two hours a week in each quarter. Credit, one unit. Prerequisite, Design 110.

The lectures given deal with the decoration and furnishing of the home. They include a study of line, form, and color as they effect a harmonious environment. A study is made of furniture, drapery, wall finishes, and papers. The practical work includes drawing to scale and developing in color elevations of interiors.

Design 430—Household Arts Design and Interior Decoration.

Senior year, spring quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Prerequisite, Design 110.

This course, in content, is substantially the same as Design 322-332.

Design 420-431—Fine and Applied Arts Design and Interior Decoration.

Senior year, winter and spring quarters. Laboratory, six hours a week. Credit, two units. Prerequisites, Design 110 and Water Color 231.

The work offered in this course comprehends and extends that in Design 322-332.

Design 410—Household Arts Design.

Senior year, fall quarter. Laboratory, six hours a week. Credit, one unit. Prerequisite, Design 332.

A study is made of the letter types suited to decorating household linen, monograms, and letters. Floral forms for embroidery are designed.

Design 421—Household Arts Costume Design.

Senior year, winter quarter. Laboratory, six hours a week. Credit, one unit. Prerequisite, Design 410.

The aim of this course is to enable the student to apply the principles of Design in selecting and originating costumes, millinery, and other articles of apparel.

The course embodies a study of line and color harmony. Quick sketches from life are made, the proportions of the human figure are studied, also appropriate colors for certain types.

Designs are developed both by sketching, and by draping of colored tissue papers on dolls, illustrating morning, business, church, reception, sport, and children's dresses.

Design 411—Manual Arts Applied Design.

Senior year, fall quarter. Laboratory, twelve hours a week. Credit, two units. Prerequisite, Design 330.

Problems given include surface decoration and the designing (in two or three dimensions) of such objects as tiles, lamps, candelabra, and copper and silver ware.

Water Color 113-122-131—Fine and Applied Arts Water Color.

Freshman year, fall, winter, and spring quarters. Laboratory, two hours a week. Credit, one unit. May be elected by students offering Freshman Design as a prerequisite, or taking Design 112 as a parallel course.

Flowers, fruit, and plant forms are painted on a white ground, using three colors. Attention is given to the drawing and arrangement within a rectangle of pleasing proportions.

Water Color 214-222—Manual Arts Water Color and Design.

Sophomore year, fall and winter quarters. Laboratory, six hours a week. Credit, two units.

In this class problems are given in furniture design, also in the designing of hinges, escutcheons, handles, jewelry, etc. Rendering in water colors of the various woods, metals, and semi-precious stones is stressed.

Water Color 215-223-231—Fine and Applied Arts Water Color.

Sophomore year, fall, winter, and spring quarters. Laboratory, two hours a week. Credit, one unit. Prerequisite, Water Color 131.

This course is a continuation of the work described in Water Color 131. Landscape and figure sketching are begun in this class.

Water Color 412-422-432—Fine and Applied Arts Water Color.

Senior year, fall, winter, and spring quarters. Laboratory, eight hours a week. Credit, four units. Prerequisite, Water Color 231 and Freehand Perspective 233.

This course is a continuation of Water Color 231.

Drawing 114-123-132—Fine and Applied Arts Cast Drawing.

Freshman year, fall, winter, and spring quarters. Laboratory, two hours a week. Credit, one unit. Elective to any students taking Design 112 or Water Color 113 as a parallel course.

Casts of historic ornament are drawn in pencil. The antique head and figure are rendered in charcoal.

Memory drawing is a required part of the work. Students are permitted to use the time scheduled in drawing from life as soon as proficiency is shown in securing construction, action, and proportion of the cast model.

Drawing 216-224-232—Fine and Applied Arts Cast Drawing.

Sophomore year, fall, winter, and spring quarters. Laboratory, two hours a week. Credit, one unit. Prerequisite, Drawing 132.

This course is a continuation of Drawing 132.

Drawing 313-323-333—Fine and Applied Arts Drawing from Life.

Junior year, fall, winter, and spring quarters. Laboratory, four hours a week. Credit, two units. Prerequisite, Drawing 232.

The figure and costumed model are sketched in black and white, pastels, and water colors.

Drawing 413-423-433—Fine and Applied Arts Drawing and Painting from Life.

Senior year, fall, winter, and spring quarters. Laboratory, four hours a week. Credit, three units. Prerequisite, Drawing 432.

The students in this class paint in water color or oil from the head and draped figure.

Drawing 115—Manual Arts Freehand Drawing.

Freshman year, fall quarter. Laboratory, eight hours a week. Credit, one and one-third units.

This is a course in drawing from ornament and still life. It includes perspective sketching, and general light and shade. The pencil is the medium used. The eye is trained to see correct proportion.

Drawing 116-124-133—Fine and Applied Arts Freehand Perspective.

Freshman year, fall, winter, and spring quarters. Laboratory, four hours a week. Credit, two units.

A thorough drill is given in the principles of perspective. Object drawing is followed by the drawing of interiors and campus views. The mediums used are the pencil, charcoal, and pen and ink.

Drawing 217-225-233—Fine and Applied Arts Freehand Perspective.

Sophomore year, fall, winter, and spring quarters. Laboratory, four hours a week. Credit, two units. Prerequisite, Drawing 133.

The work of Drawing 133 is continued in this course.

Drawing 234—Manual Arts Freehand Perspective.

Sophomore year, spring quarter. Laboratory, twelve hours a week (six hours a week for students majoring in the Drawing and Design group of the Manual Arts Course). Credit, two units.

Elementary perspective is taught in this class, students sketching from still life, furniture, and interiors. As much out door sketching is given as the time will permit.

Modeling 314—Manual Arts Wax or Clay Modeling.

Junior year, fall quarter. Laboratory, six hours a week. Credit, one unit. Recommended as an elective course to students of Cast Drawing.

Historic ornament is modeled both in relief and in the round, and original designs are made for metal work and jewelry.

Modeling 235—Modeling from Life.

Elective in Sophomore or Freshman year, spring quarter. Laboratory, six hours a week. Credit, one unit.

In this course the head and figure are modeled from life. It is recommended to students of Life Drawing and Portraiture.

Craft 324-334—Manual Arts Bookbinding.

Junior year, winter and spring quarters. Laboratory, six hours a week. Credit, two units. Elective to students offering Design 130 as prerequisite.

The problems given in this course may be divided into two groups: booklet making and binding; and construction of desk pads, note, scrap, and guest books. This work may be done without special equipment, and is particularly helpful to grade teachers. The binding of books and magazine articles is taught. The bindings are of buckram, linen, and leather decorated with gold and blind tooling.

Craft 424—Manual Arts Bookbinding.

Senior year, winter quarter. Laboratory, eight hours a week. Credit, one and one-third units. Prerequisite, Craft 334.

This is an advanced course in bookbinding, and is an extension of Craft 334. The work is modified to meet the individual needs of the students in the class.

Craft 117-125-134—Fine and Applied Arts Leather Work.

Elective in the Freshman or Sophomore years to students offering Design 130 as a prerequisite, or parallel course. Laboratory, four hours a week. Credit, two units.

Craft 218—Manual Arts Basketry.

Sophomore and Junior year, fall quarter. Laboratory, six hours a week. Credit, one unit. Prerequisite, Design 120.

In this course instruction is given in the making of sewed and woven baskets of various weaves and shapes, the materials used being reed, raffia, straw, corn shucks, pine needles, grasses, etc. Chair caning is required in addition.

Craft 236—Manual Arts Basketry.

Sophomore year, spring quarter. Laboratory, six hours a week. Credit, one unit. Prerequisite, Design 120.

For description of this course, see Craft 218.

Craft 118-126-135—Fine and Applied Arts Basketry.

Elective in Freshman or Sophomore year, fall, winter, and spring quarters. Laboratory, four hours a week. Credit, two units. Prerequisite, Design 130.

For description, see Craft 218.

Craft 41, 41a, 41b—Basketry.

Elective courses for unclassified students, fall, winter, or spring quarters. Laboratory, six hours a week. No college credit. No prerequisite.

Craft 41a and 41b are repetitions of Craft 41 and are given in the winter and spring quarters respectively.

Craft 434—Pottery.

Elective in Senior year, spring quarter. Laboratory, six hours a week. Credit, one unit. Prerequisite, Design 120.

The course includes the preparation of clay, and designing and modeling bowls and vases. Application of original design by incision or modeling in low relief, setting or firing the kiln, and glazing, the entire process of manufacture being done in the classroom. Experiments are made with Texas clays. Pottery from leading American potteries is studied for design and execution.

Craft 315—Fine and Applied Arts Pottery.

Junior year, fall quarter. Laboratory, four hours a week. Credit, two-thirds unit. Prerequisite, Design 130.

For description, see Craft 434.

Art History 316-325-335—History of Architecture and Sculpture.

Junior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week. Credit, one unit.

This is a course in the history of architecture and sculpture, beginning with 470 B. C. and extending to the present day. The aim of this course is to develop in the student an appreciation of the best architecture and sculpture.

Painting 414—History of Painting.

Senior year, fall quarter. Lecture and recitation, three hours a week. Credit, one unit.

The history of painting is briefly traced from the early Christian period to the present time. Stereopticon slides, prints, and paintings are used to illustrate the text.

Painting 219-226-237—China Painting.

Elective in any course, fall, winter, and spring quarters. Laboratory, six hours a week. Credit, three units. Prerequisite, Design 130.

Composition 317-326-336—Pictorial Composition.

Junior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week. Credit, one unit. Prerequisite, Junior standing.

"The science of what to put in a picture and where to put it." A subject is assigned, and the student is asked to embody her ideas concerning it in sketches which express the laws of balance and arrangement. Any medium may be used.

Methods 334—Special Methods in Art.

Elective in Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, Junior Standing, Fine and Applied Arts Course.

The chief problems discussed in this course may be grouped under the following heads: (1) the study of successful art courses, their plan, purposes, and underlying principles; (2) methods of supervision; (3) outlines of courses of study, and daily programs; (4) equipment, its cost, arrangement, and daily use; (5) materials, cost and use; (6) design problems; (7) a review of technique.

DEPARTMENT OF MANUAL ARTS.

Director, ANNA M. CRON
KATE LACY
CORA A. REYNOLDS

Mechanical Drawing 110-120-130.

Freshman year, fall, winter, and spring quarters. Laboratory, two hours a week. Credit, one unit.

This is a beginners' course in Mechanical Drawing and includes elements of mechanical drawing, geometric problems, simple projection and development, and working drawings.

Mechanical Drawing 210-220-230—Projective and Mechanical Perspective.

Sophomore year, fall, winter, and spring quarters. Laboratory, two hours a week. Credit, one unit. Prerequisite, Mechanical Drawing 110-120-130.

The work includes orthographic projection, intersection and development, shades and shadows, perspective and reflection.

Mechanical Drawing 121-131.

Freshman year, winter and spring quarters. Laboratory, six hours a week. Credit, two units.

This beginners' course in Mechanical Drawing consists of lettering, geometric problems, simple projection, penetration and development, and working drawings of shop problems.

Mechanical Drawing 221-231.

Sophomore year, winter and spring quarters. Laboratory, six hours a week. Credit, two units. Prerequisite, Mechanical Drawing 121-131.

The course includes lettering, geometric problems, orthographic projection, working drawings, tracing and blue printing, and machine detail.

Mechanical Drawing 310-320-330.

Junior year, fall, winter, and spring quarters. Laboratory, six hours a week. Fall and spring quarters, laboratory, six hours a week; winter quarter, lecture, one hour; laboratory, ten hours a week. Credit, four units. Prerequisite, Mechanical Drawing 121-131.

This course is a continuation of Mechanical Drawing 221-231 and includes lettering, geometric problems, orthographic projection, isometric and cabinet projection, working drawings of furniture and tracings and blueprinting.

Mechanical Drawing 311-321-331.

Junior year, fall, winter, and spring quarters. Laboratory, six hours a week. Credit, three units. Prerequisite, Mechanical Drawing 221-231.

This course gives work in shades and shadows, perspective, and a general review.

Descriptive Geometry 326-336.

Junior year, winter and spring quarters. Laboratory, six hours a week. Credit, two units. Prerequisite, Mechanical Drawing 311-321-331.

This work is a continuation of Mechanical Drawing 311-321-331.

Mechanical Drawing 420-430—House Construction and House Plans.

Senior year, winter and spring quarters. Lecture and recitation, two hours a week; laboratory, eight hours a week. Credit, four units. Prerequisites, Mechanical Drawing 311-321-331 and Design 111-120.

Students in this course are given practical work in plans, elevations, and details of building. Problems are introduced to acquaint the students with the various elements composing the architecture of buildings, such as moldings, columns, wall openings, panels, and fire-places. History of Architecture and an acquaintance with architects' materials will be a feature of the lecture course.

House Plans 212, 222, 232.

Elective in Freshman, Sophomore, or Senior year, fall, winter, or spring quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Course 222 and 232 are repetitions of course 212.

In this course, each student plans a house to be used as a home for herself or for some acquaintance. A prescribed reading course is given, together with a study of plans, specifications, and building material.

Metal 111-121-131, 111a.

Freshman year, fall, winter, and spring quarters. Fall quarter, laboratory, four hours a week; winter and spring quarters, laboratory, six hours a week. Credit, two and two-thirds units. Prerequisites, Design 111-120 and Free Hand Drawing 115. Course 111a is a repetition of course 111.

In the courses offered in metal work, instruction and practice are given in hammering brass and copper. The course includes etching, straight bending, lapping, riveting, hard and soft soldering, raising, planishing, saw piercing, and fluting. Such articles as paper knives, book ends, plates, bowls, napkin rings, candle sconces, lanterns, casseroles, and electric lamps are designed in the design classes and executed in the metal room. Courses of study and metal equipment for home and shop are discussed.

Metal 223-233.

Sophomore year, winter and spring quarters. Laboratory, six hours a week. Credit, two units. Prerequisite, Metal 111-121-131.

See description under Metal 111-121-131.

Metal 310.

Junior year, fall quarter. Laboratory, six hours a week. Credit, one unit. Prerequisite, Metal, 223-233.

See description under Metal 111-121-131.

Silversmithing 322-332.

Junior year, winter and spring quarters. Laboratory, twelve hours a week. Credit, four units. Prerequisite: Metal 223-233; Design 212-220; and Freehand Perspective 234.

The work in silversmithing includes the making of spoons, bowls, plates, and other useful articles; also the making of tools and a familiarity with their use.

Jewelry 411-421-431.

Senior year, fall, winter and spring quarters. Laboratory, eight hours a week. Credit, four units. Required of all students majoring in Metal. Prerequisites: Metal 111-121-131; Design 212-220; and Freehand Perspective 234.

The course of study in Jewelry includes the making of fobs, rings, chains, buckles, simple stone settings, and other objects suitable to be handled in a school craft shop.

Metal 112, 112a, 112b.

Elective in Freshman, Sophomore, or Junior year, one quarter, which may be either fall, winter, or spring. Laboratory, six hours a week. Design 111-120 should be elected as a parallel subject. Courses 112a and 112b are repetitions of 112 and are given in the winter and spring quarters respectively.

For description of this course see Metal 111-121-131. A special effort will be made to adapt this course to the individual need of the student.

Wood Carving 323-333.

Junior year, winter and spring quarters; laboratory, six hours a week. Credit, two units. Prerequisites: Woodwork 113-123-133; Design 212-220; and Freehand Perspective 234.

Simple wood carving is taught as a decorative element in the construction of such articles as glove boxes, book ends, trays, paper knives, and other shop problems. Chip carving and carving in low and high relief are considered. The design, as in all Manual Arts Courses, is worked out in the Design classes and executed in the Manual Arts Department.

Woodwork 113-123-133.

Freshman year, fall, winter, and spring quarters. Fall quarter, laboratory, four hours a week; winter and spring quarters, laboratory, six hours a week. Credit, two and two-thirds units.

This course is of general educational value, involving the first principles of woodwork, also the care and use of tools. Each article made is complete and useful in itself, the order of projects being arranged so as to secure a gradual introduction to the more difficult constructions, and at the same time present practical as well as aesthetic elements. The work in this course is suitable for teachers of Manual Arts in the fifth, sixth and seventh grades of the public schools. A practical demonstration of the elements of wood finish is begun at this time.

Woodwork 224.

Sophomore year, winter quarter. Laboratory, six hours a week. Credit, one unit. Prerequisites: Design 211; Freehand Perspective 234; and Woodwork 113-123-133.

This course is a continuation of wood finish in connection with elementary furniture building. It includes all the problems usually given in the eighth grade of the public schools. Particular attention is given to the economic side of woodwork, such as conservation of stock, and the use and finish of the cheaper woods,

Woodwork 314-324-334.

Junior year, fall, winter, and spring quarters. Laboratory, six hours a week. Credit, three units. Prerequisites: Woodwork 224; Design 211; and Freehand Perspective 234.

This course will consist largely of furniture construction and furniture finish. Pieces of furniture, which have been designed in the design classes, and working drawings made in the mechanical drawing classes, are at this time constructed and finished. The pieces of furniture will involve such joinery as will give the student knowledge of all important joints. Appropriateness and simplicity in furniture are stressed.

Woodwork 412-422-432.

Senior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week. Laboratory, six hours a week. Credit, four units. Prerequisite: Woodwork 314-324-334.

This course consists of an extension of Woodwork 314-324-334 and includes also a thorough study and practice in the mixing and applying of finishing materials for interior woodwork and furniture. A collection of woods is secured from which small panels are planed, scraped, sanded, stained, filled, and polished, showing the method and different kinds of finish. Some time will be given to the refinishing of old furniture. Special consideration is given to class demonstration.

Primary Hand Craft 413-423-433.

Senior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, two hours a week. Credit, two units.

This work is taken up as it should be presented in the public schools. Among the different types of hand work considered will be found paper and cardboard construction, clay modelling, weaving and basketry, thin wood construction, and simple bench work. This course is planned for those who may either teach or supervise constructive work in the first five grades of the public schools.

Manual Arts Methods 335.

Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, Woodwork 314-324.

This is a comprehensive course for prospective teachers of Manual Arts. Courses of instruction are planned and criticized. Throughout the quarter, special reading is required on all subjects connected with the laboratory work of the individual student. Some teaching practice is planned.

Manual Arts 215, 215a, 215b—Economics of Woods and Wood Finish.

Elective in Freshman, Sophomore, or Junior year, one quarter either fall, winter, or spring. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Courses 215a and 215b are repetitions of course 215, and are given in the winter and spring quarters respectively.

This is a practical course correlated with Home Economics and including a study of wood texture, and discussions and demonstrations on the preparation of wood for finishing; it deals also with the use of stains, varnishes, wax, paint, and enamel, and the removal of old finish, and refinishing. A study of woods from the standpoint of furniture construction and interior wood finish is given. This course is offered not only for prospective homemakers, but is recommended for all students preparing to teach Domestic Science and Domestic Art.

Manual Arts 216-226-236—Manual Arts for Rural Schools.

Elective in Sophomore or Junior year, fall, winter, and spring quarters. Laboratory, six hours a week. Credit, three units.

This is a course for prospective teachers or supervisors in the schools of the country or small town. It will be carried out to

suit the needs of the individual. The course will contain such problems as the following: weaving of mats and baskets, using native material; chair caning and refinishing; woodwork, such as making bird houses, bee hives, butter prints, butter paddles, milking stools, and box furniture; also cement work, such as posts, building blocks, steps, small tanks, garden pottery and furniture. This course is recommended for all students of the Rural Arts course.

DEPARTMENT OF RURAL ARTS AND SCIENCE

Director, CHANNING H. YARBOROUGH, Jr.

The Rural Arts and Science Course is intended primarily for those who intend to teach the sciences, for those who contemplate home demonstration work, and for those who will engage in rural welfare work later. The course has been made as practical as possible with these ends in view. There is a growing demand for science teachers, home demonstration agents, and rural welfare workers at this time, and a knowledge of those subjects which deal particularly with the vital interests on the farm is necessary. In view of these facts, the College of Industrial Arts announces this new course of study, with three years' work leading to a diploma, and four years' work to the Bachelor of Science degree.

Agriculture 110-120.

Freshman year, fall and winter quarters. Fall quarter, lecture and recitation, three hours a week; winter quarter, lecture and recitation, two hours a week; laboratory, two hours a week. Credit, two units.

This course consists of a systematic study of plant food elements, soils, and fertilizers, a general discussion of tillage methods particularly adapted to Texas crops and conditions, and a thorough study of farm machinery and equipment, and the planning of farm buildings. It also endeavors to handle in a general way the care and feeding of the farm livestock. The kitchen or home garden is emphasized in this course, and a demonstration garden is maintained by members of this class.

Poultry 130.

Freshman year, spring quarter. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, one unit.

This course includes a systematic study of the various poultry breeds and a careful analysis of the different breed types. Attention is given to the care, feeding, and management of poultry. Sanitation, domestic and transmissible diseases, commercial breed-

ing, and the grading and marketing of poultry products are emphasized. This course aims to fit young women for home demonstration work along poultry lines. It can also be pursued with benefit by those intending to devote their efforts to commercial poultry husbandry.

Dairying 210-220.

Sophomore year, fall and winter quarters. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, two units. Prerequisite, Chemistry 110-120-130; Sophomore standing.

This course is devoted mainly during the fall quarter to a systematic study of the dairy breeds, and the dairy cow. Stress is laid upon the care, handling, and feeding of dairy animals, and in so far as possible practical work will be given the students. In the winter quarter the work will concern itself chiefly with sanitation in the dairy, a study of milk and its products, and practical laboratory work in butter and cheese making.

Horticulture 221.

Sophomore year, winter quarter. Lecture and recitation, two hours a week; laboratory two hours a week. Credit, one unit. Prerequisites, Agriculture 110-120 and Botany 112-122-132.

This course embraces a thorough study of bush, stone, and pomaceous fruits. Much stress is given the soil conditions, fertilization, planting, pruning, and the cultivation of those fruits. The control and preventive measures for insect and fungus diseases are taught. The protection of orchards, the location of orchards, the picking, grading, packing, and marketing of horticultural products are thoroughly discussed and where possible actual demonstrations and laboratory exercises are required.

Horticulture 231.

Sophomore year, spring quarter. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, one unit. Prerequisites, Agriculture 110-120 and Botany 112-122-132.

This course is intended primarily to give a clear understanding of greenhouse management. A thorough study is made of the relationship of soils, moisture, and sunlight to floral plants, and the propagation and culture of floral plants. The student is taught to make seasonable selections, bouquets, floral designs, and window boxes. The course aims also to create a love for the beautiful and to teach the value of flowers and decorative plants in relation to the home.

Landscape Gardening 232.

Sophomore year, spring quarter. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, one unit. Prerequisite, Botany 112-122-132 and Agriculture 110-120.

The course in Landscape Gardening deals with the laying out of the home grounds, the location of the dwelling and other

buildings, and the laying out of walks and drives; the proper decoration for the best effects, such as flower beds and shrubbery; and the making of lawns, and the planting of trees and shrubbery. This course also requires the actual making of plans for home-grounds, parks, and estates, by each member of the class.

Animal Husbandry 310.

Junior year, fall quarter. Lecture and recitation, two hours a week; laboratory two hours a week. Credit, one unit. Prerequisites, Agriculture 110-120 and Junior standing.

The aim of this course is to teach Livestock Management. The judging of all types of livestock is gone into thoroughly, as is also the care, handling, housing, and feeding of livestock. Considerable study in breeding is pursued by the students, particularly along the lines of improvement of the ordinary common stock.

Plant Breeding 410-420.

Senior year, fall and winter quarters. Fall quarter, lecture and recitation, three hours a week; winter quarter, lecture and recitation, one hour a week; laboratory, four hours a week. Credit, two units. Prerequisites, Botany 212-222-232 and Junior standing.

This course is a study of the laws, theories, and facts concerning heredity, variation, and evolution in plant life; of the behavior of characters in transmission, and the possibilities of inducing stability of characters and establishing desirable types. The course includes experiment work in the Greenhouse, and thorough study of environmental conditions.

Animal Nutrition 430.

Senior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, Chemistry 210-220 and Junior standing.

This course deals with the Chemical and Physiological principles of Animal Nutrition. Special stress is laid upon digestion, assimilation, and metabolism, the composition of feed stuffs, and the function of nutrients when taken into the animal body. Special attention is given to nutritive ratios, feeding standards, the compounding of rations, and the energy values of different feeds.

DEPARTMENT OF COMMERCIAL ARTS.

Director, H. G. ALLEN
MRS. LINNIE M. CARTER

ELECTIVE IN COLLEGE COURSES.

The College offers as electives in the Commercial Arts Department the following courses:

Typewriting 110-110a-110b.

Elective in any year, fall, winter, or spring quarter. Courses 110a and 110b are repetitions of 110. Laboratory, six hours a week. Credit, one unit. A brief course in typewriting by the touch method.

Bookkeeping 111-121, 111a-121a.

Elective in any year, two quarters. Laboratory, six hours a week. Credit, two units. Courses 111-121, fall and winter quarters. Courses 111a-121a (a repetition of 111-121) winter and spring quarters. Bookkeeping by the business practice method.

DEPARTMENT OF ENGLISH.

Director, MARY ARMSTRONG SHOUSE
SUSAN F. COBB
WM. STANTON DONOHO
MERTIE HELEN HIGGINS
LILA McMAHON

English 110-120.

Exposition, Narration, and Argumentation. Freshman year, fall and winter quarters. Lecture and recitation, three hours a week. Credit, two units. Prerequisite, College Entrance English. Required of all students who take diplomas or degrees.

This course consists of oral composition and written daily and weekly themes in exposition, argumentation, and narration. The expository themes are often correlated with the work of the other departments or take the form of club papers, book reviews, and speeches for special occasions. The argumentative subjects are on current problems and are designed to train the student in systematic thinking on topics of interest. The narrative papers are devoted to letters, character sketches, and original stories.

English 130—Short Story.

Freshman year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, English 110-120. Required of all students who take diplomas or degrees.

In this course the development, the technique, and the types of the short story are studied. Emphasis is placed on Poe, Hawthorne, Bret Harte, Maupassant, Stevenson, Kipling, and O. Henry. Lectures are given and critical papers are written.

English 210-220-230—Outlines of English Literature.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, English 110-120-130. Either English 210-220-230 or English 211-221-231 is required of all degree students.

This course consists of a study of the great movements of English literature in connection with the great movements of history. An effort is made to show what writers belong to certain groups and why, and to stimulate an appreciation of prose and poetry, as each reflects its age and the personality of its author. Emphasis is placed on the Classic and the Romantic movements. Lectures are given and critical papers are written.

English 211-221-231—The Drama.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, English 110-120-130.

This course consists of a study of the sources of the English drama in the folk farces and mimes, in the liturgical service of the Church, and in the classic revivals of humanism, and of its growth through Shakespeare. A few modern dramatists are considered in connection with the work of the spring quarter. Lectures are given and critical papers are written.

English 310—Advanced American Literature.

Elective in Junior year, fall quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisites, English 110-120-130, and either English 210-220-230 or 211-221-231.

This course consists of a study of the development of American prose and poetry—the influences from outside, and the expression of national and sectional ideals. Lectures are given and critical papers are written.

English 320-330—Development of the English Novel.

Elective in Junior year, winter and spring quarters. Lecture and recitation, three hours a week. Credit, two units. Prerequisites, English 210-220-230 or 211-221-231, and English 310.

This course consists of a survey of the narration which contributed to the development of the novel prior to Defoe, and the reading of the chief novelists from Defoe through Arnold Bennett. The origin and the different types of novels are traced. Lectures are given and critical papers are written.

English 410-420-430—Victorian Prose and Poetry.

Elective in Senior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisites, English 210-220-230, or 211-221-231.

This course consists of a study of the chief essayists, novelists, and poets of the nineteenth century. English prose is represented by Ruskin, Arnold, Thackeray, Eliot, Hardy, and Stevenson; poetry by Browning, Tennyson, Rosetti, Swinburne, and Clough. Lectures are given. (In 1916-1917 the course will be devoted exclusively to Browning and Tennyson).

DEPARTMENT OF HISTORY AND SOCIOLOGY

Director, JESSIE H. HUMPHRIES
KATIE E. BOYCE

History 210-220-230—Industrial History.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units.

This course presents a study of the industrial development of the people of Europe and of the United States from primitive times down to the present day. The greater part of the course deals with the industrial history of modern times rather than with that of ancient and mediaeval times. Emphasis is placed on the evolution of social, economic, and industrial conditions of the present time. Time is devoted not only to mechanical processes and inventions but also to the human element in the world's industry—the conditions and problems of the laborers. The course includes also a study and discussion of the industrial position of women.

History 211-221-231—Modern and Contemporary History.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units.

This course offers a study of European history from the latter part of the eighteenth century to the present time. It will include a careful investigation of events and conditions leading up to the present European conflict, together with discussions of present national and international problems.

History 321—History of the Protestant Reformation in Germany.

Elective in Junior or Senior year, winter quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, Sophomore standing.

History 322—History of the French Revolution.

Elective in Junior or Senior year, winter quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, Sophomore standing.

These courses offer intensive work in studying short but important periods in European history. Students electing this work have a choice between History 321 and History 322, the course given being that chosen by the majority of the class.

Economics 310-320—Principles of Economics.

Junior year, fall and winter quarter. Lecture and recitation, three hours a week. Credit, two units. Prerequisite, Junior standing.

This course embraces a study of the fundamental principles governing the wealth-producing and wealth-using activities of the people. The practical application of economic theory to the actual concerns of everyday life is emphasized. Close lines of correlation are established between this work and that given in Home Econom-

ics, and in Industrial History. There is also close connection between this course and the work in Sociology which immediately follows.

Economics 411-421-431.

Elective in Junior or Senior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, History 210-220-230, or History 211-221-231.

The content of this course will be determined after conference with the group of students who elect it.

Sociology 330—Sociology of the Family.

Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, Economics 310-320.

The first part of this course deals briefly with some of the fundamental principles of general sociology, preparatory to a practical study of the problems of the modern family. The following and other such topics are discussed: the family as the unit of the social structure; the importance of the stability of the family; the relations of the individual members of the family; eugenics and eugenics; and the relative values of the current theories of reform of the family.

Sociology 410-420-430—Sociology and Modern Social Problems.

Elective in Senior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisites: Junior standing and Economics 310-320.

The content of this course is indicated in its title.

DEPARTMENT OF MATHEMATICS

Director, E. V. WHITE

Mathematics 110—Solid Geometry.

Freshman year, fall quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, college entrance in Mathematics.

Lines and planes in space, dihedral and polyhedral angles, surface and volume of polyhedrons, cylinders, and cones. Emphasis is given to the fact that many of the theorems are extensions of the theorems previously studied in plane figures.

Mathematics 120-130—Advanced Algebra.

Freshman year, winter and spring quarters. Lecture and recitation, three hours a week. Credit, two units. Prerequisite, college entrance in Mathematics.

This course deals with theory of exponents, permutations and combinations, binomial theorem, logarithms, summation of series, and theory of equations.

Mathematics 131—Industrial Mathematics.

Freshman year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, college entrance Mathematics.

This course is especially designed to meet the needs of students in the several courses of manual arts. Applications are made of the principles learned in plane and solid geometry to the practical problems of the laboratory. The student is taught the use of such mechanical devices as the protractor, T square, parallel rulers, and dividers, in the various forms of mechanical construction.

Mathematics 210—Plane Trigonometry.

Elective in Freshman or Sophomore year, fall quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, college entrance in Mathematics.

This course deals with the trigonometric functions of angles, and the solution of plane triangles. Special preparation is made for the study of analytic geometry.

Mathematics 220-230—Analytic Geometry.

Elective in Sophomore year, winter and spring quarters. Lecture and recitation, three hours a week. Credit, two units. Prerequisite, Mathematics 110, 120-130, 210.

The straight line, the circle, the parabola, the ellipse, the hyperbola, and the general equation of the second degree containing two unknown quantities are treated in this course.

DEPARTMENT OF LANGUAGE

Director, LINA PERLITZ
MINNIE LEE BARRETT

German 110-120-130.

Freshman year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. No prerequisites.

In Freshman German, essentials of grammar are acquired through the reading of easy, idiomatic prose and through oral and written reproduction. The aim is to develop a feeling for German through a constant use of the language in the classroom.

German 210-220-230.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, German 110-120-130.

This course is primarily devoted to the reading of easy modern prose and incidentally to a rapid review of elementary grammar. Written and oral reproductions are continued.

German 310-320-330.

Junior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, German 210-220--230.

This is a more advanced reading course, consisting of prose writings and dramas selected from the best authors.

German 410-420-430.

Senior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisites, German 310-320-330.

This course offers a brief survey of the development of German literature from the scanty remnants of the earliest times through the period of efflorescence in the twelfth and thirteenth centuries with their troubadours and national epics, to that of the great classics of the eighteenth and nineteenth centuries. This last period will be studied attentively through the reading of dramas and lyrics.

French 111-121-131.

Freshman year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. No prerequisites.

This introductory course in French stresses correct pronunciation and the acquisition of the most commonly used irregular verbs and idiomatic expressions. A simple text is read very carefully. All grammar work and all written and oral exercises are based on this text, so that the student will have a thorough foundation on which to base further work.

French 211-221-231.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, French 111-121-131.

The books read in this course deal with life in France, and the national traits and conditions of the French people. A systematic grammar review is given, and oral and written reproductions continued.

French 311-321-331.

Junior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, French 211-221-231.

This course consists of the reading of more advanced texts, and selected novels and plays by noted authors. Oral and written resumes of the text are studied. A short period is devoted to the practice of rapid sight reading.

French 411-421-431.

Senior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, French 311-321-331.

This course is a simple introduction to French literature, giving a general survey of French literary activity from 1600 to 1850 with suitable texts for class use. Some reading of French authors outside of class work is required.

Latin 112-122-132.

Freshman year, fall, winter, and spring quarters. Lecture and recitation, four hours a week. Credit, four units. Prerequisite, a standard high school course.

This course includes selections from Cicero and Virgil, prose composition, exercises, and a review of grammar.

Latin 212-222-232.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, Latin 112-122-132.

Students read Livy, and Horace's Odes and Epodes.

Latin 312-322-332.

Junior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, Latin 212-222-232.

For the advanced reading of which this course consists, different authors are selected from year to year.

Latin 412-422-432.

Senior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisite, Latin 312-322-332.

An advanced reading course. Some of the more difficult Latin authors are studied. The texts are changed from time to time.

DEPARTMENT OF EDUCATION

Director, M. L. WILLIAMS
EDWARD P. GILCHRIST

REQUIREMENTS FOR STUDENTS ELECTING EDUCATION

Freshmen who expect to teach the following year and who desire a first-grade certificate should register at the opening of the year for Education 110, 120, and 130.

Students intending to finish a three-year college course and who desire a six-year certificate should register for courses 210, 220, and 230 in the Sophomore year and for 310, 320, and a special Methods course in the third quarter of the Junior year.

Students who take Education courses 110, 120, and 130, will not be allowed to take, for credit, courses 210, 220, and 230.

Students who expect to receive the bachelor's degree and permanent certificate should register for the following courses:

Sophomore year-----210, 220, and 230.

Junior year-----310, 320, and a special Methods course.

In the Senior year six units should be selected from the courses offered.

For general information concerning Teachers' Certificates, see pages 29 to 30.

Education 110—Introductory Psychology.

Freshman year, fall quarter. Lecture and recitation, three hours a week. Credit, one unit.

This is an elementary course dealing with the nature and laws of instinct, habit, feeling and emotion, imagination and memory, and higher thought activity leading to the processes in education, the Principles of Teaching, and Methods of School Management. This course is closely correlated with Education 120 and 130. Lectures, references, and discussions will form part of the work of the course.

Education 120—Principles of Teaching.

Freshman year, winter quarter. Lecture and recitation, three hours a week. Credit, one unit.

This is a study of the principles and conditions underlying the teaching processes and the application of these principles to the recitation. It will include lectures, references and discussions.

Education 130—School and Class Management.

Freshman year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit.

The work is a practical course in the organization and direction of the school, dealing with courses of study, practical reports, records, playground, school lunches, libraries, hygiene and sanitation, etc. Assigned readings and class discussions.

Education 140—Primary Methods.

Freshman year, summer quarter. Lecture and recitation, four hours a week. Credit, one unit.

This course considers the practical methods of teaching reading, spelling, writing, music, and drawing to beginners and through the first and second grades. Devices will be used, but emphasis will be placed upon principles. Observation of actual class instruction will also be given.

Note: Students who have credit for the equivalent of four college courses may elect three out of the courses named above to meet the requirements for a first-grade State certificate. This certificate is valid for four years.

Education 210-220—Educational Psychology.

Sophomore year, fall and winter quarters. Lecture and recitation, three hours a week. Credit, two units. Prerequisite. Sophomore standing.

The course includes the study of the nature, the growth, and laws of the mind, the interrelations of mind and body, and the intellectual processes upon which education depends. Emphasis will be placed upon those phases of mental development which throw light upon the teaching processes, either in the regular school or in those educational duties incident to every walk in life; also upon the social influences and mental growth. References, reports, and discussions.

Education 230—Principles of Teaching.

Sophomore year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, Sophomore standing.

The course deals with the application of Education principles to the problems of the schoolroom, dealing especially with methods of organization, and presentation of matter and principles underlying the development of human character through the schoolroom. References, readings, reports, and discussions.

Education 310-320—History of Education.

Junior year, fall and winter quarters. Lecture and recitation, three hours a week. Credit, two units. Prerequisite, three units in Education and Junior standing.

The course is a general survey of the fields of the history of education from its functional view point, stress being placed on theories that are influencing present conditions. A brief summary of ancient and mediaeval education, but most of the study will be spent on the modern period, with special attention to the development of American education. References, outlines, and discussions.

Education 330—Elementary Education.

Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit.

The course includes a psychological study of the child from three to six years of age and a study of the school curriculum in the elementary grades, so as to increase the efficiency of the teacher and reduce the waste in the learning process. Comparative readings and discussions.

Education 331—Ethics.

Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit.

The general object of the course is to develop in the student an appreciation of moral values and obligations, both individually and socially. Problems of the present day relating to school, home, community, church, and state are freely discussed and guiding principles worked out. Lectures, readings, recitations, and conferences.

Education 332—Special Methods in Foods and Cookery.

Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit.

(See Department of Foods and Cookery, page 49).

Education 333—Special Methods in Textiles and Clothing.

Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit.

(See Department of Textiles and Clothing, page 53).

Education 334—Special Methods in Fine Arts.

Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit.

(See Fine Arts Department, page 60).

Education 335—Special Methods in Manual Arts.

Junior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit.

(See Manual Arts Department, page 64).

Education 336—Physical Training.

Junior year, spring quarter. Lecture and recitation, one hour a week; practice, four hours a week. Credit, one unit.

(See Department of Physical Education, page 84).

Education 410-420—Principles of Education.

Senior year, fall and winter quarters. Lecture and recitation, three hours a week. Credit, two units. Prerequisite, six units in Education and Senior standing.

This course is a scientific study of education from the biological, psychological, and sociological view-points, dealing with aims, values, and principles. References, reports, theses, and discussions.

Education 430—Observation and Practice Teaching.

Senior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit.

Provision will be made for Senior students to do teaching in the departments in which they specialize. Time and classes will be arranged by the head of the Department of Education in conference with the heads of the departments concerned. Lesson plans will be required and teaching done under the direction of a specialist.

Education 411-421—Philosophy of Education.

Senior year, fall and winter quarters. Lecture and recitation, three hours a week. Credit, two units. Prerequisite, six units in Education and Senior standing.

A critical study of leading historical theories that affect modern educational thought and practice, followed by a closer study of recent contributions to the philosophy of education. Extensive reading, a thesis, and class discussions.

Education 431—Secondary Education.

Senior year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, six units in Education and Senior standing.

This course is a study of the psychology of the adolescent period and of high-school subjects, so as to increase efficiency and economy in high-school instruction. Reading, recitation, and class discussions.

Education 412-422—Playground Supervision.

Senior year, fall and winter quarters. Lecture and recitation, one hour a week; practice, four hours a week. Credit, two units. (See Department of Physical Education, page 84).

DEPARTMENT OF PHYSICAL SCIENCE

Director, C. N. ADKISSON
A. G. KOENIG
GENEVIEVE SPENCER

Household Physics 310-320.

Junior year, fall and winter quarters. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, two units. Prerequisite, Physics 21-22-23 or the equivalent.

This course is adapted to students who have had a high school course in physics, or who have taken Physics 21-22-23 in the Second Preparatory year. A knowledge of the principles of mechanics and heat is applied to the solution of concrete problems offered by the institution; and of practical problems connected with cooking, heating, and ventilation in the home. It consists largely of a study of the various appliances used in daily life, such as practical problems pertaining to the installation of lights and other electrical utilities in the home, and the application of the principles of sound to music and musical instruments. A study is made of such appliances as the following: dynamos, electric heating devices, bells, telephones, transformers, motors for sewing machines, churning, and vacuum cleaners, electric lights, flatirons, cookers, stoves, ovens, heating pads, and sterilizers.

Household Physics 330.

Elective in Junior year, spring quarter. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, one unit. Prerequisite, Physics 21-22-23, or the equivalent.

The content of this course is similar to that of Household Physics 310-320, but it is more condensed. The work consists of a practical study of the principles of mechanics, heat, sound, light, and electricity as applied to an intelligent use of the various household appliances.

Photography 331.

Elective in Junior year, spring quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Open to all students above Freshman standing.

The object of this course is to prepare the student for making photographs in the home. The work is very practical. The student learns by doing the work herself. The lectures and demonstrations are in the nature of helpful criticisms and suggestions. A study is made of the structure and use of the various types of cameras; the control of lights and shadows; pictorial composition; the use of backgrounds and reflecting screens; mixing developers; toning and fixing baths; developing films and plates; printing and mounting; and the making of transparencies and lantern slides.

Chemistry 110-120-130.

Freshman year, fall, winter, and spring quarters. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit three units.

The course includes a study of the following: preparation and properties of oxygen and hydrogen, correction of gas volumes, metathetical equations, and reacting weight, and weight relations between reacting substances. It considers also the Ionic theory and its applications, acids, bases and salts, also Periodic law, oxidation and reduction equations, and compounds of carbon.

Chemistry 210-220—Organic and Food Chemistry.

Sophomore year, fall and winter quarters. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, two units. Prerequisite, Chemistry 110-120-130.

The work here offered is designed to give theoretical understanding of the nature of foods. The fall quarter is devoted to a brief survey of hydrocarbons and hydrocarbon derivatives of the paraffine and related series. The winter quarter is a study of fats, carbohydrates, and proteins, with especial attention to characteristic changes involved in food preparation and digestion.

Chemistry 410-420-430—Physiological and Food Chemistry.

Senior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, three units. Prerequisite, Chemistry 210-220 and Physiology 131.

The course consist of lectures and laboratory experiments dealing with the steps through which each separate foodstuff passes in the process of digestion and assimilation. This deals with the chemical and physical properties, salivary, gastric, pancreatic, and intestinal digestion as well as the products of digestion of each. Food chemistry includes a study of the composition, manufacture, and properties of grain products, milk products, sugars, fats and oils, beverages, and spices and condiments.

Chemistry 211—Qualitative Chemical Analysis.

Elective in Sophomore year, fall quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit. Prerequisite, Chemistry 110-120-130.

A study of the operations and methods employed to ascertain what chemical elements or compounds of these elements are present in a more complex substance or mixture. The course includes the detection of about thirty of the more common elements and their compounds.

DEPARTMENT OF BIOLOGY

Director, WILLIE ISABELLA BIRGE
ELIDA M. PEARSON
OPHELIA WESLEY

Zoology 110-120-130—General Zoology.

Freshman year, fall, winter, and spring quarters. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, three units.

The aim of this course is to give the student a general knowledge of the fundamental principles of Zoology; an outline of animal classification and structure; and the life histories, habitat, mimicry, behavior, and the economic importance of the common animals.

Laboratory work includes observations and experiments with the simpler Protozoans, such as the Amoeba and the Paramecium; and dissection of the higher types of invertebrates and vertebrates. Field trips will be made a part of the regular laboratory work.

Zoology 131—Human Physiology.

Freshman year, spring quarter. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, one unit.

In this course are considered function and structure, with emphasis upon digestion, respiration, circulation, and metabolism; the organs of special senses; and personal and public hygiene.

In the laboratory the student makes a general dissection of a mammal, followed by experiments on the physiology of the various systems. The student will have access to some of the most recent of American and European models of the human body, and to prepared slides of human and animal tissues.

Zoology 131a—Human Physiology.

Sophomore year, fall quarter. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, one unit.

This course is a repetition of Zoology 131.

Zoology 210-220-230—Economic Zoology.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, three units.

In this course the student is introduced to different groups of animals from the economic viewpoint, that of the importance of each group in the economy of man. Study will be made of packing-house products and methods and meat inspection; and of cotton, corn, and wheat insects.

Zoology 320-330—Entomology.

Junior year, winter and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, two units. Prerequisite, Zoology 110-120-130.

This course comprises a lecture and laboratory study of the life history and metamorphosis, the general anatomy, and the classification of the most important groups of insects.

Field work will include a study of the life relations, habits, and methods of control of insect pests, and of the economic importance of the most common orchard, garden, and field insects.

Zoology 311-321-331—Comparative Vertebrate Anatomy.

Elective in Junior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, three units. Prerequisite, Zoology 110-120-130.

This course will include the study of a series of vertebrates from the standpoint of the comparative development of different systems of the animal body, together with discussion of the behavior, habits and distribution of vertebrates.

Zoology 410-420-430—Advanced Zoology.

Elective in Senior year, fall, winter, and spring quarters. Credit, three units. Prerequisite, Zoology 311-321-331.

This is an advanced course in Zoology. The work consists of conferences, laboratory, and reading.

Botany 112-122-132—General Botany.

Freshman year, fall, winter, and spring quarters. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, three units.

A study of the root, stem, and leaf of the higher plants, and of the structure and germination of seeds, the series of plants representing the chief groups from the simple to the complex. Field work, and a general course especially designed for students of Domestic Art and Science, Literary work, and Agriculture.

Botany 221-231—General Forest Botany.

Sophomore year, winter and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, two units.

This course is especially designed for students in Manual Arts and for those desiring a general knowledge of Forestry. The

chief subjects covered in this course are: the structure, nutrition, growth, and production of the plant; the identification of trees by use of keys; the life relations of the tree as it is influenced by light, soil, temperature, wind, animals, and by the struggle for existence; a study of forest distribution, methods of forestry, and of forest conservation in the United States; and a detailed study of the stem of various woods. Use is made of the extensive collection of native woods in the Manual Arts department.

Botany 212-222-232—Plant Physiology and Ecology.

Elective for Sophomore and Junior Rural Arts and Science and Literary students, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, three units. Prerequisite, Botany 112-122-132.

Plant physiology involves an experimental study of the principal life functions of plants, such as photosynthesis, digestion, nutrition, metabolism, irritability, protection, and plant motility.

In plant ecology, the life relations of the plant to the animals and to plant associations are emphasized. The student will make analytical charts and diagrams of the floral zonations of this locality, as the environs of Denton, owing to widely differing geological formations, are characterized by varied plant associations.

Laboratory exercises, field and greenhouse work, and lectures and readings from standard authors are required.

Botany 411-421-431—Histology and Cytology.

Elective in Senior year of the Rural Arts and Science Course, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, three units. Prerequisites, Botany 212-222-232.

Chiefly a laboratory course, in which the student makes and studies preparations of plant tissues representative of the plant groups. The latter half of the year is devoted to a detailed study of the plant cell, including mitosis, sporogenesis, etc.

Bacteriology 213—General Bacteriology.

Sophomore year, fall quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit.

Bacteriology involves training in laboratory practice and principles, and their application to life problems. Special attention is given to home and farm sanitation; bacteria in relation to milk and to water, their contamination and purification; disease-producing bacteria, yeasts, and molds, and the part they play in cooking, canning, and various other industries.

Bacteriology 213a—General Bacteriology.

Freshman year, spring quarter. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one unit.

This course is a repetition of Bacteriology 213.

Bacteriology 312-322-332—Advanced Bacteriology and Pathology.

Elective in Junior year in Rural Arts and Science Course, fall, winter, and spring quarters. Lecture and recitation, one hour a

week; laboratory, four hours a week. Credit, three units. Prerequisites, Chemistry 110-120-130 and Botany 112-122-132.

This is a more comprehensive study of micro-organisms. It includes a detailed study of bacteria of water, milk, soil, sewerage, and pathogenic bacteria, especially those related to diseases of man; the preparation of sera and antitoxins; and the theories of immunity.

The laboratory work is designed to acquaint the student with the technique essential to work in this field, the preparation of culture media most necessary to conduct quantitative and qualitative bacteriological analysis; and microscopic and cultural study of the most common household bacteria.

DEPARTMENT OF HYGIENE AND HOME NURSING

Director, *ELEANOR M. SLATER, M. D.

Home Nursing 230.

Sophomore year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit. Prerequisite, Physiology 131.

The course in home nursing fits the student to do intelligent work in her own home both in preventing illness and in caring for members of the household who are ill. If the trouble is serious and a trained nurse is needed, the student who has taken this course has knowledge enough to be an efficient trustworthy helper to the nurse. Practical subjects and simple remedies are given, which when applied often make the call of a physician unnecessary. In addition to this work lectures are given on the following subjects: obstetrics, the care of the mother and child; sex hygiene, when and how it should be taught in the home and school. The course is extensive enough to give the student a fair idea of the work of a trained nurse and it directs her attention in a practical way to this useful and remunerative occupation.

DEPARTMENT OF PHYSICAL EDUCATION

Director, NELLIE E. BUSSELL

All first and second year students are required to take, without credit, two hours of physical training each week. No student will be excused from this requirement except by permission of the College physician. At the beginning of the first quarter

*Resigned. Successor to be chosen before the beginning of next session.

each student is given a careful medical and physical examination made by the College physician and the physical director. If a girl is found to be physically unable to undertake the general class work, she is assigned to a special class for work adapted to her needs. In all classes, especial emphasis is placed on correction of faulty posture. Hockey, basketball, baseball, tennis, athletics, dancing, and cross country walks form part of the work in physical training.

Physical Training 110-120-130.

Freshman year, fall, winter, and spring quarters. Practice, two hours a week. No credit. Required of all students during their first year at the College.

The work consists of calisthenics, elementary work with apparatus, folk dancing, athletics, and games.

Physical Training 210-220-230.

Sophomore year, fall, winter, and spring quarters. Practice, two hours a week. No credit. Required of all students during their second year at the College.

This course includes Swedish and German free and apparatus exercises, dancing, athletics, and games.

Physical Training 412-422—Playground Supervision.

Senior year, fall and winter quarters. Lecture and recitation, one hour a week; practice, four hours a week. Credit, two units. Prerequisites, Physiology 131 and Psychology 210-220.

This course includes lectures on child nature, nature of play, hygiene, first aid, equipment and practical conduct of playgrounds, and practice in playing and coaching simple and advanced games, folk dances, and athletics.

Physical Training 336—Teachers' Course.

Elective in junior year, spring quarter. Lecture and recitation, one hour a week; practice, four hours a week. Credit, one unit. Prerequisites, Education 210-220.

The work is designed for students who wish to teach games and simple folk dances as part of grade teaching in elementary schools.

Physical Training 211-221-231—Teachers' Course.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; practice, two hours a week. Credit, two units. Prerequisites, Physical Training 110-120-130 and Physiology 131.

Lectures are given on theory and practice of physical education, including school hygiene, physiology of exercise, history of physical education, methods of teaching, and of organizing tournaments, meets, and various competitions. Advanced practice in physical training is included, and also practice in teaching.

Physical Training 310-320-330—Advanced Physical Training.

Junior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; practice, two hours a week. Credit, two units. Prerequisites, Physical Training 210-220-230, 211-221-231, and Psychology 210-220.

This course consists of lectures on and practice in, corrective gymnastics, festivals, and pageantry. Advanced practice is given in aesthetic and interpretative dancing, also practice in public school and playground teaching.

DEPARTMENT OF MUSIC

Director of Piano, NOTHERA BARTON
HANNAH ASHER
LESSIE LINDSEY
HELEN NORFLEET
SELMA EMILIE TIETZE

Director of Voice, ALBERT G. PFAFF

*

Director of Violin, ALMA AULT
Theoretical and Historical Courses, LESSIE LINDSEY

The Department of Music has been placed upon a standard of excellence equal to that maintained by other departments of the College. The standard requirements for admission to collegiate courses, the advanced grade of the practical music courses, and the experienced corps of instructors with both American and European training, place the Department of Music among those of the first rank in Texas.

The purpose of the department is to provide thorough and efficient training in both practical and theoretical courses; first, to those who wish to make music their life-work, either as teachers or performers; second, to College students who recognize music as an important element in a liberal education.

REQUIREMENTS FOR ADMISSION

An applicant for admission to the Department of Music (degree course, Freshman year) must offer the same number of entrance units as are required for entrance to the other College courses. (See page 20). In addition to the above, the applicant must pass an examination in piano, voice, or violin, according to the chosen major subject, showing a degree of technical and interpretative proficiency satisfactory to the Director of the Department.

An applicant for the degree of Bachelor of Music or for a diploma in music, majoring in Voice or Violin, must be able to play accompaniments of moderate difficulty. In order to comply with this requirement, piano must be elected in the Freshman year, and be continued until applicant is voted sufficiently proficient in that line of work by the members of the music faculty.

*To be supplied.

COURSES OF STUDY

(For tabulated arrangement of Course of Study, see page 43).

1. A Course leading to the degree of Bachelor of Music on completion of the work of the Senior year.

2. A course leading to a diploma in music, on completion of the work of the Junior year. A student receiving a diploma in music may receive also a teacher's certificate in music, provided the student has elected psychology during the winter and spring quarters of the Junior year, and methods and practice teaching throughout the Junior year.

A candidate for a diploma in music must give an entire recital program during the Junior year.

A candidate for a teacher's certificate in music must appear in a joint recital program during the Junior year, giving not fewer than seven numbers, counting a Sonata or Concerto as three numbers.

A candidate for the bachelor's degree in music must give an entire program during the Senior year.

A student who wishes to use her elective in taking lessons on an instrument other than the one in which she is majoring, must take two lessons a week and practice one and one-half hours a day to secure the necessary credit of a three-hour elective. If such a student wishes to elect sight-singing and chorus, the requirement will be reduced to one hour practice daily—the combination elective making the required three-hour credit. This applies to students majoring in violin or piano.

All voice students must elect sight-singing and chorus, unless excused by the Director of the Voice Department, in which case some other elective of equivalent value must be chosen. This applies to each year of voice study.

PRACTICE

Pianos for practice are furnished by the College, the rental for the same being paid by the student in advance when her tuition fee is paid, at the first of each quarter (See tuition rates, page 91).

CONCERTS AND RECITALS

Class recitals are given each month, in which the students play or sing for each other, and opportunity for public performance is given when a student is sufficiently advanced. Recitals by members of the Faculty, in which students gain much of educational value, are also given from time to time. In addition to the student and Faculty recitals, there is an Artists' course offered during the year on which leading concert artists appear (See page 125).

DESCRIPTION OF COURSES

Theoretical and Historical Courses

Courses 110-120-130, 111-121-131, and 211-221-231, may be elected by any college student. Methods 317-327-337 may be elected by any college student having credit for the three courses named above.

Music 110-120-130—Ear Training, Elements of Theory, and Harmony.

Freshman year, fall, winter, and spring quarters. Lecture and recitation, one hour a week. Credit, one unit. Prerequisite, a working knowledge of the keyboard and of the notes on the staff.

This course is a study of notation, scales, signatures, intervals, triads and their inversions, simple cadence endings, and harmonization of given basses in close harmony. The Ear Training will include the ability to distinguish whole steps from half steps, the various notes of the scale, intervals, major from the minor mode, chords and their inversions, divisions of time and rhythm, and to express them in musical notation.

Music 210-220-230—Harmony.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, one hour a week. Credit, one unit. Prerequisite, Music 110-120-130 or the equivalent.

This course is a study of scale tones and their tendencies. It includes harmonization of melodies, given and original, by means of the principal triads, subordinate triads, chords of the sixth and of the six-four, and also a study of the dominant seventh chord, its resolutions and inversions, secondary seventh chords, and cadencing and non-cadencing resolutions.

Music 310-320-330—Advanced Harmony.

Junior year, fall, winter, and spring quarters. Lecture and recitation, two hours a week. Credit, two units. Prerequisite, Music 210-220-230 or the equivalent.

The course is a study of the seventh and ninth chords, the diminished seventh and chords of the augmented sixth, altered chords, foreign chords, modulation, harmonization of given and original basses, and melodies in close and open harmony.

Music 410-420—Composition and Counterpoint.

Senior year, fall and winter quarters. Lecture and recitation, one hour a week. Credit, two-thirds unit. Prerequisite, Music 310-320-330 or the equivalent.

Practice is given in monophonic forms, in original composition; also an application of the principles of harmony is made in combining two or three distinct melodies in strict and free polyphony.

Music 430—Form and Analysis.

Senior year, spring quarter. Lecture and recitation, one hour a week. Credit, one-third unit. Prerequisite, Music 330.

This course is a continuation of Music 330 and consists of a study of the harmonic material and the formal elements in representative compositions of the principal musical forms.

Music 111-121-131—Music Appreciation.

Freshman year, fall, winter, and spring quarters. Lecture and recitation, one hour a week. Credit, one unit.

This course is especially designed to develop a critical appreciation of music as an element of general culture. Full explanation is given of the great Classical and Romantic schools in music, of the Polyphonic and Monophonic styles of composition, and of the Forms employed in these different schools. The lectures are illustrated by musical numbers given by the instructor and students of the class and by the use of the Victrola. Advanced lectures are given upon the programs of public concerts given throughout the year. This course is directly adapted to the needs of all college students who wish to become intelligent listeners.

Music 211-221-231—History of Music.

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, one hour a week. Credit, one unit. No prerequisite.

The development of the Art and Science of Music is traced from the earliest records to the present day, special emphasis being placed upon the period from Bach (1685) to the death of Wagner (1883). Musical illustrations of the works of the periods are given, and outside reading is required.

Music 411-421—Studies in History and Criticism of Music.

Senior year, fall and winter quarters. Lecture and recitation, one hour a week. Credit, two-thirds unit. Prerequisite, Music 211-221-231.

Special periods or phases in the development of the History of Music are taken up, according to the chosen major subject of the student, whether it be piano, voice, or violin. These subjects are discussed in class and themes required. Seminar method.

Comparative Aesthetics 431.

Senior year, spring quarter. Lecture and recitation, one hour a week. Credit, one-third unit. Prerequisite, Music 211-221-231.

This course is designed to enable a student to determine the qualities which combine for the production of excellence in the higher arts, and to show that the combination of spirit and matter, as expressed in the arts of Music, Painting, Sculpture, and Architecture, are controlled by similar laws of grouping and organic form. A study is made of the essential elements of unity and comparison, variety and contrast, complexity and complement in classification and composition, as applied in the different arts, together with the essential laws and methods governing Art Composition.

Methods 317-327-337—Methods and Practice Teaching in Music.

Elective in Junior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units. Prerequisites, Music 110-120-130 and 211-221-231 or the equivalent.

Special stress is laid upon elementary foundation principles in teaching. One hour a week must be spent in observation of the different instructors in the Music Department, one hour in actual practice teaching, full notes being made of these hours, and one

hour a week is spent in class, where notes are discussed and criticism made. Teaching material must be examined and reports made at class hour. Methods of technique and how to develop technical and musical proficiency are studied and discussed. Parallel reading on the subject of music teaching is required.

Music 112-122-132—Sight-Singing and Chorus.

Elective during any year, fall, winter, and spring quarters. Lecture and recitation, two hours a week. Credit, one unit. Required of voice students unless excused by Director of Voice Department. No student will be admitted to this course unless she has some knowledge of musical notation; i. e., can work out chorus parts at the piano. Students' voices must be tested and approved by the Director of the class before classification will be made. The course is open to all students of the college who meet the requirements given above.

This course offers elementary training in sight-singing and is designed to provide a festival chorus for use in connection with soloists and orchestra.

Music 412-422-432—Sight-Reading, Ensemble, and Accompanying.

Senior year, fall, winter, and spring quarters. Lecture and recitation, one hour a week. Credit, one unit. To enter this class a technical proficiency equivalent to Sophomore standing is required.

Practice in playing at sight is given in classes, progressing from elementary pieces and studies to more difficult compositions. Practice in the accompaniment of voices and of the violin is given, also in four and eight hand playing. Violin students do ensemble playing in the College Orchestra in addition to sight-reading classes. Students of voice are trained in duet, trio and quartet singing in addition to sight-singing and chorus.

PRACTICAL COURSES.

Piano.

Practical courses in music are given in piano, voice, and violin. The courses consist of individual lessons for two periods of one-half hour each a week. These courses are listed and described below.

Piano 113-123-133.

Freshman year, fall, winter, and spring quarters. Credit, one unit. Prerequisite, Music 21, 22, 23 or the equivalent.

The work consists of Selected Studies from Czerny and Clementi; Bach Two and Three Part Inventions; Sonatas from Haydn. Mozart, Scarlatti; Compositions from classic and modern composers.

Piano 212-222-232.

Sophomore year, fall, winter, and spring quarters. Credit, one unit.

The work consists of Czerny op. 740; Bach Preludes and Fugues; Sonatas from Beethoven; Concerto by Mozart, Mendelssohn, or Beethoven; Piano Solos.

Piano 312-322-332.

Junior year, fall, winter, and spring quarters. Credit, one unit.

The work consists of Czerny 740, reviewed for rapidity; Bach Preludes and Fugues continued; Sonatas; Concerto; Etudes from Chopin, Henselt, Moscheles.

Piano 413-423-433.

Senior year, fall, winter, and spring quarters. Credit, one unit.

The work consists of Chopin Etudes; special Bravura Studies; Chamber Music; Concertos; Repertoire.

Piano 21-22-23.

Preparatory year, fall, winter, and spring quarters.

The following work is required: hand training; notation; scale and chord construction; studies from Heller and others; Bach Two Part Inventions; Czerny op. 299; Mendelssohn, Songs Without Words; Sonatinas.

VOICE

A good natural voice and musical ability must be evidenced by a student before admission to the Freshman year of Voice Study.

Voice 114-124-134.

Freshman year, fall, winter, and spring quarters. Credit, one unit.

This course consists of a thorough training in Methods and Voice placing, with practical application of Method, with Italian Melodies of Vaccai.

Voice 213-223-233.

Sophomore year, fall, winter, and spring quarters. Credit, one unit.

Vocalises, progressive exercises, and songs are required.

Voice 313-323-333.

Junior year, fall, winter, and spring quarters. Credit, one unit.

Vocalises, Abt, Marchesi, Songs of Schumann, Schubert, Franz, Brahms, and other masters are studied.

Voice 414-424-434.

Senior year, fall, winter, and spring quarters. Credit, one unit.

This course consists of Vocalises, Repertoire, Master Songs, and Oratorio and Opera selections.

Violin 115-125-135.

Freshman year, fall, winter, and spring quarters. Credit, one unit. Prerequisite, 21a-22a-23a, or the equivalent.

This course includes: Kreutzer Etudes; scale studies continued; Schubert Sonatines; Accolay Concerto; Mittel Classics, Vols. II-III; solos of medium difficulty by old and modern composers.

Violin 214-224-234.

Sophomore year, fall, winter, and spring quarters. Credit, one unit.

This course includes: Kreutzer Etudes (continued); Fiorillo Etudes; de Beriot Concerto No. 9; Rode Concertos Nos. 4 and 7; Viotti Concerto No. 23; Wieniawski Mazurkas and Legende; Handel Sonatas.

Violin 314-324-334.

Junior year, fall, winter, and spring quarters. Credit, one unit.

This course includes Caprices, Rode; Concertos, Kreutzer. Viotti, Bach, Mozart; Sonatas, Haydn, Mozart, Beethoven; Solos, Wieniawski, Kreisler, Sarasate, Mozart.

Violin 415-425-435.

Senior year, fall, winter, and spring quarters. Credit, one unit.

This course includes: Etudes, Gavinies; Concertos, Mozart, Spohr, Mendelssohn, Godard; Sonatas, Grieg, Beethoven, Brahms; Solos, Beethoven, Saint Saens, Tschaikowsky, Bach, Vieuxtemps.

VIOLIN

Violin 21a-22a-23a.

Preparatory year, fall, winter, and spring quarters.

This course includes: Hohmann, Violin School, Books I-II; O. Sevcik, Exercises for the first position; Kayser, Books I-II; Sitt, Exercises for the various positions; Sitt, Exercises for combining the positions; Dont, Preparatory studies to Kreutzer and Rode; scales through all the major and minor keys; solos with piano accompaniment by Sitt, Dancla, de Beriot, Lehmann, Haydn.

MUSIC TUITION

Students of the College receiving instruction in piano, voice, violin and the theoretical and historical courses, must pay tuition and piano rental at the office in advance, for each quarter (average length, twelve weeks), for two lessons a week.

Piano

Miss Barton	-----	\$42.00
Miss Norfleet	-----	36.00
Miss Lindsey	-----	30.00
Miss Asher	-----	24.00
Miss Tietze	-----	24.00

Voice

Mr. Pfaff	-----	\$36.00
*	-----	30.00

*To be supplied.

Violin

Miss Ault ----- \$30.00

Theoretical and Historical Courses

Freshman and Sophomore Theoretical and Historical Courses, each, per quarter-----	4.00
Junior Harmony, per quarter -----	10.00
Senior Theoretical and Historical Courses, each, per quarter-----	6.00
Elective Course in Methods and Practice Teaching, per quarter -----	6.00

Piano Rental

One period per day, terms per quarter-----	2.25
Each extra period per day, terms per quarter additional-----	2.25

DEPARTMENT OF EXPRESSION

Director, *S. JUSTINA SMITH
Acting Director, EDNA SPEAR
ZINITA BARBARA GRAF

EXPRESSION COURSE**Expression—Individual Lessons.****Expression 110-120-130.**

Freshman.

Expression 210-220-230.

Sophomore.

Expression 310-320-330.

Junior.

Individual lessons in Expression are given two one-half hour periods a week throughout the three years. The credit value of each year is one unit. These lessons are required of all candidates for graduation in the Expression Department. Attention is given to the individual needs of each student with a view to developing her personality.

Expression 111—Reading (Class Lesson).

Freshman year, fall quarter. Lecture and recitation, three hours a week. Credit, one unit. Throughout the Freshman year especial attention is given to phrasing, articulation, and enunciation.

*Granted a year's leave of absence for post-graduate study.

Expression 121—Extemporaneous Speaking and Debate (Class Lesson).

Freshman year, winter quarter. Lecture and recitation, three hours a week. Credit, one unit.

Expression 131—Story-Telling (Class Lesson).

Freshman year, spring quarter. Lecture and recitation, three hours a week. Credit, one unit.

Expression 211-221-231—Literary Interpretation (Class Lesson).

Sophomore year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units.

This course includes a study of the "Evolution of Expression," an arrangement of selections which guides the student in the progress of her development. A wide range of literature from the great orators, dramatists, and poets, is covered in acquainting the student with those elements of vocal expression that give a standard of criticism which will enable her to judge her own vocal expression.

Expression 311-321-331—Dramatic Interpretation (Class Lesson).

Junior year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, three units.

This course includes the interpretation and presentation of scenes and one-act plays in farce, comedy, burlesque, and tragedy; the study of pantomime, tableau, pageantry, and the school festival.

Physical Training 112-122-132—Expressive Physical Culture.

Freshman year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; practice, two hours a week. Credit, two units.

Exercises for poise, presence, and bearing, for grace and ease of manner; elementary gesture and pantomime.

In the Sophomore year the students of Expression substitute Physical Training 211-221-231 for the regular non-credit physical training required of all students (See page 84).

All class lessons in Expression are available, without fee, as electives for any qualified student desiring them. A student of Expression may elect education and secure a first-grade State teacher's certificate. She may also combine the course in Expression with public school music or with drawing—a combination often desired in the department teaching of the public schools of today.

Tuition fee of thirty to thirty-six dollars a quarter is charged for individual lessons in Expression.

COMMERCIAL ARTS COURSES

Director, H. G. ALLEN
MRS. LINNIE M. CARTER

The purpose of these courses is to prepare young women for office work as stenographers and bookkeepers. Increasing numbers of young women are employed as bookkeepers with mercantile firms, and thousands find employment as stenographers and typewriters, a work for which they are especially adapted.

Students expecting to take this work must be at least sixteen years of age, and must satisfy the head of the department that they are prepared to do the work.

Students who wish to elect one or more subjects in this department, as typewriting and bookkeeping, may do so on the approval of the Classification Committee and the head of the department.

Provision will be made for those students who desire to take more extensive work in the Commercial Department, extending through two years, including besides the shorthand and typewriting course, bookkeeping, commercial law, etc., in connection with College subjects, such as English, history, and economics. Young women who wish to qualify for private secretaries or to act as general assistants to persons engaged in scientific, literary, or professional pursuits, will need more extensive preparation than can be acquired in one year. A limited amount of practice under actual business conditions will be arranged for such students in the offices and the various departments of the College.

Certificates of proficiency are issued to those who satisfactorily complete a course.

Two courses, covering the full school year, are offered, as follows:

Course 1.—Shorthand and Typewriting.

Shorthand, Typewriting, Business English, Business Correspondence, Office Training, Spelling and Shorthand Penmanship.

Course 2.—Bookkeeping.

Bookkeeping, Penmanship, Commercial Arithmetic, Commercial Law, Electives.

In connection with Course 2, students may elect other subjects in the Commercial Arts Department, or in other departments of the College, with the permission of the Classification Committee. Course 1 requires the student's entire time.

OUTLINE OF COURSES

Course 1—Shorthand and Typewriting.

FALL QUARTER.	WINTER QUARTER.	SPRING QUARTER.
Shorthand ----- 5	Shorthand ----- 5	Shorthand ----- 5
*Typewriting ----- 5	*Typewriting ----- 5	*Typewriting ----- 5
Business English ----- 5	Business Corre-	Office Training ----- 5
Spelling and Short-	spondence ----- 5	Spelling and Short-
hand Penmanship ----- 3	Spelling and Short-	hand Penmanship ----- 3
	hand Penmanship ----- 3	
18	18	18

Course 2—Bookkeeping.

FALL QUARTER.	WINTER QUARTER.	SPRING QUARTER.
*Bookkeeping ----- 5	*Bookkeeping ----- 5	*Bookkeeping ----- 5
*Penmanship ----- 2½	Commercial ----- 5	Commercial Law ----- 5
Electives ----- 7½	Arithmetic ----- 5	Electives ----- 5
	Electives ----- 5	
15	15	15

DESCRIPTION OF COMMERCIAL ARTS COURSES

"The shorthand writer who can typewrite his notes is safer from poverty than a Greek scholar."—Charles Reade.

Shorthand.

Fall, winter, and spring quarters. Five hours a week.

This subject requires three quarters for completion. The first quarter is spent in mastering the principles of shorthand and acquiring familiarity with word forms, phrases, etc. This is supplemented in the second quarter by practice in shorthand writing and the reading of printed shorthand. Before the third quarter is begun, the student is ready for the dictation of business letters and their accurate reproduction on the typewriter. It is the aim of the course to make practical shorthand writers. The Gregg system of shorthand is taught. This system of shorthand is taught in more schools than any other system.

The proficiency acquired in this subject will depend very much upon the student and her knowledge of English. Any one who has a fair education and can spell correctly can master shorthand. Such a student can in the time allotted acquire a speed of from ninety to one hundred and twenty-five words a minute.

Typewriting.

Fall, winter, and spring quarters. Ten hours a week.

Typewriting is taught by the touch method. After acquiring a reasonable speed on the typewriter, the student transcribes thereon her shorthand notes. Direct dictation on the machine is given also.

*These represent the number of laboratory periods, each laboratory period being two hours. Typewriting is 2 periods per day; Bookkeeping 2 periods; Penmanship 1 period.

Business English.

Fall quarter, Five hours a week.

A course in the essentials of English grammar and composition with special attention to spelling, punctuation, and paragraphing.

Business Correspondence.

Winter quarter. Five hours a week.

A course in letter-writing, the student being required, after drill in the essentials of grammar and composition, to write original business letters. Training in social forms of correspondence is also given.

Office Training.

Spring quarter. Five hours a week.

A course in office training for stenographers, including the arrangements of letters, inclosures, forms of remittances, filing and filing systems, form letters, office appliances, billing, shipping, preparing business papers, etc. This course supplements the course in Business Correspondence.

Spelling.

Fall, winter and spring quarters. Three hours a week.

Accurate spelling is absolutely essential to acceptable amanuensis work. Three periods a week for three quarters are given to spelling and shorthand penmanship.

Bookkeeping.

Fall, winter, and spring quarters. Ten hours a week.

Single and double entry bookkeeping by the business practice method. Each transaction is presented to the student as much like the performance of actual business as possible. A college currency is used in keeping cash and bank accounts, and the student receives instruction by object lessons in handling money, notes, drafts, in making deposits, etc.

Penmanship.

Fall quarter. Five hours a week.

As it is of primary importance that bookkeepers and office helpers should be able to write a clear business hand, a course in penmanship is given the first quarter of the Bookkeeping Course.

Commercial Arithmetic.

Winter quarter. Five hours a week.

A brief course in the essentials of business arithmetic, especially percentage, interest, etc., as applied in bookkeeping and office work.

Commercial Law.

Spring quarter. Five hours a week.

A simple course in the essentials of business law and practice—contracts, negotiable paper, insurance, corporations, etc., with special emphasis upon the laws affecting the business relations of women.

HOMEMAKERS COURSE

Admission to the Homemakers Course will be granted without formal examination to properly qualified young women who can devote but one year to study, and who wish during that time to obtain the greatest amount of training possible in the subjects directly related to the practical affairs of the home. It is not the object of this course to prepare students for teaching, and students completing the course will not be recommended for teachers. The Homemakers Course cannot be counted as credit work in the College department.

Homemakers Course.

FALL QUARTER.	WINTER QUARTER.	SPRING QUARTER.
* Cookery 31----- 3 Sewing 31a----- 3 Textiles 31----- 2 Design 31----- 2 House Plans 31----- 1 Household Management 31a----- 3 Laundering 31b----- 2 ----- 16	Cookery 32----- 3 Sewing 32a----- 3 Practical Dietetics 32b-- 2 Home Nursing 32----- 3 Household Furnishings 32----- 2 Physiology and Hygiene 32a----- 3 Millinery 32c----- 1 ----- 17	Cookery 33----- 3 Sewing 33----- 3 Practical Dietetics 33b-- 2 Sanitation 33a----- 3 Sociology of the Family 33----- 3 Child Study 33----- 3 Millinery 33a----- 1 ----- 18

DESCRIPTION OF HOMEMAKERS COURSE

Cookery 31-32-33.

Fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week.

This course has been planned so as to relate closely to the home. The work is based on the preparation of foods suitable for the different meals and on the serving of meals. The course also includes a study of foods, with their cost, and of food values and their combinations to form balanced meals, as well as a study of the preservation and care of foods in the home. The work of the first quarter is devoted to the canning and preserving of fruits and vegetables, the preparation of foods for breakfast, and the serving of two breakfasts. In the second quarter the time is devoted to the preparation of foods for luncheon, the putting up of school lunches, and the serving of a luncheon. In the third quarter more time is given to serving and entertaining. Foods are prepared which are appropriate to dinner service, with the serving of a dinner, a Sunday night supper, and an afternoon tea.

Sewing 31a.

Fall quarter. Laboratory, six hours a week.

This course considers the fundamentals of hand and machine sewing; the operation and care of the sewing machine and its

*The figures represent the hours of lecture or recitation or the equivalent.

attachments; darning, patching, and simple embroidery. The stitches and processes learned are applied to useful articles.

Sewing 32a.

Winter quarter. Laboratory, six hours a week.

This course considers the use of commercial patterns and gives practice in the drafting, cutting and designing of patterns. It includes practice in the cutting, fitting, and making of undergarments and house dresses. The cost of the garment is limited by the instructor.

Sewing 33.

Spring quarter. Laboratory, six hours a week.

This is a continuation of Sewing 32a. Students make individual problems embodying principles learned in Sewing 31a and 32a. All problems are subjected to the approval of the instructor. A careful account is kept of the cost of the materials used.

Textiles 31.

Fall quarter. Lecture and recitation, one hour a week; laboratory, two hours a week.

This course offers a study of the textile fibers and fabrics of interest to the household; their character, cost, durability, and suitability, with a view to helping the household buyer in the selection of materials for various purposes.

Practical Dietetics 32b-33b.

Winter and spring quarters. Lecture and recitation, one hour a week; laboratory, two hours a week.

See Department of Foods and Cookery, page 47.

Note—This course will be modified to suit the needs of the class.

Design 31—Homemakers Design.

Fall quarter. Laboratory, four hours a week.

This course includes a study of the principles of Design, and the theory and use of color and color harmony. Special attention is given to conventionalization and the decorative use of nature forms.

Home Nursing 32.

Winter quarter. Lecture and recitation, three hours a week.

This course is a condensation of Home Nursing-230 given to regular Sophomore students.

Household Sanitation 33a.

Spring quarter. Lecture and recitation, three hours a week.

For description see Department of Foods and Cookery, page 49.

House Plans 31.

Fall quarter. Lecture and recitation, one hour a week.

A prescribed reading course is given, together with lectures on house plans and building materials. Economy and durability in building are stressed.

Sewing 32.—Household Furnishings.

Winter quarter. Laboratory, four hours a week.

This course deals with the problem of artistic and economic textile furnishings of the home. It considers the cost and kinds of materials used and their economic and artistic values for specific problems.

Sociology 33.—Sociology of the Family.

Spring quarter. Lecture and recitation, three hours a week.

This course includes a practical study and discussion of the various social problems directly connected with the home.

Household Management 31a.

Fall quarter. Lecture and recitation, three hours a week.

See Home Economics, page 48, for description of this course.

Physiology and Hygiene 32a.

Winter quarter. Lecture and recitation, three hours a week.

This course correlates with the courses in sanitation and practical dietetics. It also supplements and carries on with advanced teaching the work of the public schools. Especial emphasis is placed on making the study practical for the home. Among the important subjects taken up are the following: the composition and structure of the body tissues; the proper foods necessary for the most efficient working of the human mechanism; the functions of the vital organs and the most common diseases to which these organs are subject, together with the prevention of such diseases.

Education 33.—Child Study.

Spring quarter. Lecture and recitation, three hours a week.

The object of this course is to trace the mental life of the child through the various stages of development, so as to discover the main characteristics and the appropriate treatment of each period of growth.

Domestic Laundering 31b.

Fall quarter. Lecture and recitation, one hour a week; laboratory, two hours a week.

For description, see Department of Foods and Cookery, page 48.

Millinery 32c-33a.

Winter and spring quarters. Laboratory, two hours a week.

This course includes designing, making, and covering buckram and willow frames with different brim finishes; making bows and flowers; and making and trimming hats with different materials of the season.

PRACTICAL COURSES

Sewing 41-42-43—Practical Sewing.

Fall, winter, and spring quarters. Laboratory, six hours a week. Credit, two units.

This course considers the fundamentals of hand and machine sewing; simple embroidery; the use of commercial patterns. the drafting, cutting, and designing of patterns, and the principles of dressmaking. See Sewing 111-121-131 in Department of Textiles and Clothing, page 52.

Millinery 41-42-43.—Practical Millinery.

Elective in fall, winter, and spring quarters. Laboratory, eight hours a week. Preparatory students taking this course must take at the same time Sewing 121 and 131 and Design 110.

The work includes designing, drafting, and making of buckram frames; study of form, line, color, and textiles; making plain covered hats with different finishes for brim; covering wire frames with straw, braids, and various materials; making bows, flowers, and other decorations; making children's hats; designing, making, and trimming all styles of hats according to the season of the year.

Cookery 41-42-43—Practical Cookery

A general course in Practical Cooking and Serving.

Elective in any year. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, two units.

For description of course, see Department of Foods and Cookery, page 47.

Craft 41, 41a, 41b—Basketry.

Elective in fall, winter, or spring quarter. Laboratory, six hours a week. No college credit. No prerequisite.

See page 59.

Note: The Directors of the departments represented in these courses, will, upon application, outline the work for the completion of which a student will be entitled to a certificate of proficiency.

PREPARATORY SCHOOL

The course of study in the preparatory school comprises two years, and the classes in these years are known as the First Preparatory Class and the Second Preparatory Class. The First Preparatory Class covers the work included in the tenth grade of a standard high school. The Second Preparatory Class covers the work included in the eleventh grade of a standard high school. In both of these years emphasis is given to industrial work.

First Preparatory.

FALL QUARTER.	WINTER QUARTER.	SPRING QUARTER.
*		
English 11----- 3	English 12----- 3	English 13----- 3
History 11----- 3	History 12----- 3	History 13----- 3
Geometry 11----- 3	Geometry 12----- 3	Geometry 13----- 3
Physiology 11----- 3	Physiology 12 and	Physiography 13----- 3
Elect One:	Physiography 12----- 3	Elect One:
Sewing 11----- 4	Elect One or Two:	Cookery 13----- 4
Woodwork 11----- 4	Sewing 12----- 2	Drawing 13----- 4
Latin 11----- 4	Cookery 12----- 2	Latin 13----- 4
	Woodwork 12----- 2	
	Drawing 12----- 2	
	Latin 12----- 4	
16	16	16

Second Preparatory

English 21----- 3	English 22----- 3	English 23----- 3
History 21----- 3	History 22----- 3	History 23----- 3
Industrial	Industrial	Civics 23a----- 3
Geography 21----- 3	Geography 22 and	Physics 23----- 3
Physics 21----- 3	Civics 22a----- 3	Elect One:
Elect One:	Physics 22----- 3	Cookery 13----- 4
Sewing 11----- 4	Elect One or Two:	Drawing 13----- 4
Woodwork 11----- 4	Sewing 12----- 2	Latin 23----- 4
Latin 21----- 4	Drawing 12----- 2	
	Woodwork 12----- 2	
	Cookery 12----- 2	
	Latin 22----- 4	
16	16	16

*The figures represent the hours of lecture or recitation or the equivalent.

DESCRIPTION OF COURSES IN PREPARATORY SCHOOL

Cookery 12-13.

First and Second Preparatory year, winter and spring quarters. Winter quarter, lecture and recitation, one hour a week; laboratory,

two hours a week. Spring quarter, lecture and recitation, one hour a week; laboratory, six hours a week. Credit, one-half entrance unit.

A study of the manufacture, selection, preparation, and serving of food. Elementary food principles are considered, the effect of heat upon food is studied, and cooking processes emphasized.

Sewing 11-12.

First or Second Preparatory year, fall and winter quarters. Fall quarter, laboratory, eight hours a week; winter quarter, laboratory, four hours a week. Credit, one-half entrance unit.

This course deals with the fundamentals of plain, hand, and machine sewing, and the operation and care of machines. Practice is given in darning and mending. Students are required to make plans for all typical problems in constructive sewing. Students plan and make bedding, table linen, draperies, and all kinds of furnishings for the Demonstration Cottage. In connection with each article a strict account of the time and money is required.

Drawing 12-13—Preparatory Drawing.

First or Second Preparatory year, winter, and spring quarters. Winter quarter, laboratory, four hours a week; spring quarter, laboratory, eight hours a week. Credit, one-half entrance unit.

The work of this course includes the simple elements of perspective, the students drawing from familiar objects and from fruit and flower forms in pencil and water colors.

Woodwork 11-12.

Elective in First or Second Preparatory year, fall and winter quarters. Fall quarter, laboratory eight hours a week; winter quarter, laboratory, four hours a week. Credit one-half entrance unit.

This course is of general educational value, involving the first principles of woodwork, also the care and use of tools. Each article made is complete and useful in itself. A practical demonstration of the elements of wood finish is begun at this time.

Latin 11-12-13.

First Preparatory year, fall, winter, and spring quarters. Lecture and recitation, four hours a week. Credit, one entrance unit.

Cicero's Orations Against Cataline and the Manilian Law are read. Thorough attention is given to prose composition.

Latin 21-22-23.

Second Preparatory year, fall, winter, and spring quarter. Lecture and recitation, four hours a week. Credit, one entrance unit. Prerequisite, Latin 11-12-13.

Several books of Virgil are studied, and the prose composition work is continued.

English 11-12-13.—Composition and American Literature.

First Preparatory year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit one entrance unit.

This course consists of a review of grammar with special attention to construction and analysis, exercises in sentence and paragraph structure, short critical papers and assignments in texts of composition and American Literature. American classics and two Shakespearian plays will be chosen from the College Entrance Requirements.

English 21-22-23—Composition and English Literature.

Second Preparatory year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, one entrance unit. Prerequisite, English 11-12-13.

This course consists of weekly themes in narration and description, critical papers, a careful study of selected English classics, and recitations in a composition and rhetoric text and in English Literature.

Mathematics 11-12-13—Plane Geometry.

First Preparatory year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, one entrance unit. Prerequisite, High School Algebra.

This course is preparatory to college entrance and represents the work ordinarily given in the tenth grade of a standard high school. All the books of Plane Geometry are studied, including a selection of original problems to be solved by the student.

History 11-12-13—Mediaeval and Modern History.

First Preparatory year, fall, winter, and spring quarters. Lecture and recitation, three hours a week. Credit, one entrance unit.

This course offers a systematic study of the history of Europe during mediaeval and modern times. Opportunity is given in connection with the regular work to study some of the political and economic problems of the present day.

History 21-22-23—American History.

Second Preparatory year, fall, winter, and spring quarters. Lecture and recitation three hours a week. Credit, one entrance unit.

The work includes a study of the formation and development of the United States as a Nation. Emphasis is placed on present conditions and current events.

Civics 22a-23a—American Government.

Second Preparatory year, the last half of the winter quarter and the entire spring quarter. Lecture and recitation, three hours a week. Credit, one-half entrance unit.

This is a short course in the government of the United States and of Texas. Attention is given to contemporary political conditions.

Geography 21-22—Industrial Geography.

Second Preparatory year, fall quarter and first half of winter quarter. Lecture and recitation, three hours a week. Credit, one-half entrance unit.

This course is intended to give a better understanding of the relationship between commerce and geographical facts, and of the dependence of commerce and industry upon the climate, soil and topography of the earth.

Physics 21-22-23.

Second Preparatory year, fall, winter, and spring quarters. Lecture and recitation, one hour a week; laboratory, four hours a week. Credit, one entrance unit. Prerequisite, Second Preparatory standing.

This is an elementary course for those who are beginning the study of Physical Science. Emphasis is given to the fundamental principles of which future applications are made. The lessons are illustrated by lecture-room demonstrations and by individual laboratory work.

Physiography 12-13.

First Preparatory year, last half of the winter quarter and the entire spring quarter. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, one-half entrance unit.

This course includes the study of the natural phenomena of the earth, and the causes which underlie the same. Among the topics to be considered are: the earth as a planet; the general form of the earth and its surface, how produced and how altered; weathering, and the origin of soil; the effect of moving water; the atmosphere, winds, and climate; and the relation of geography to plants and animals.

Physiology 11-12.

First Preparatory year, fall, quarter, and first half of winter quarter. Lecture and recitation, two hours a week; laboratory, two hours a week. Credit, one-half entrance unit.

The object of this course is to give the student a general knowledge of the subject of physiology, including personal hygiene. Function and structure are considered so as to prepare the student for more advanced work in the College.

SCALE OF GRADING COLLEGE WORK

Letters are used in grading the work of students, the approximate per cent value of each letter being: A, 92 to 100 per cent; B, 83 to 91 per cent; C, 74 to 82 per cent; D, 65 to 73 per cent; E, 60 to 65 per cent; F, below 60 per cent. A minimum grade of D is required to obtain credit for a course. A grade of E represents unsatisfactory work, which a student has the opportunity of making up by ex-

amination and otherwise without taking the work again in the class. A grade of F means that the student has failed, and is required to take the work again. It is required, however, that a student during her Junior and Senior years make a minimum average grade of C in order to be an eligible candidate for a diploma or a degree.

DEFICIENCY EXAMINATIONS

Deficiency examinations are given on the third Monday after each regular examination at the close of the several quarters of the college work. Any student who has made a grade of E on the work of a quarter may remove this condition by making a satisfactory grade in the deficiency examination. No student taking a deficiency examination is permitted to be given a grade higher than D. Unfinished laboratory work of any subject must be completed by the date of the deficiency examination. A failure to remove a conditional grade of E in the deficiency examination means that the grade automatically becomes F and that the student will be required to take the work again.

REPORTS OF STUDENTS' WORK

Reports to parents are made at the close of each quarter of the regular session. Parents are requested to study these reports carefully and to make inquiry concerning any part of them that is not understood. It is important that parents understand fully the character of work which their daughters are taking at the College, and the college authorities will be glad to advise with them freely from time to time in regard to the work or other interests of their daughters. Co-operation of parents is invaluable, and a communication intended for the college authorities should be sent directly to the College and not through members of the student body.

MISCELLANEOUS

EXPENSES

The expense of attending the College of Industrial Arts depends largely upon the disposition of the student. Including traveling expenses, College fees, board, clothing, and incidentals, the cost varies from \$275.00 to \$325.00 for the year (threequarters, or about nine months). A fair average amount is \$300.00.

Students are expected to pay fees before entering classes. No tuition fee is charged, except for individual lessons in instrumental and vocal music and in expression. An Admission Card signed by the Auditor, showing that the entrance and first quarter's fees have been paid, must be presented to the Classification Committee before the name of the student is entered on class lists. All students in all departments must pay the fees and the book deposit.

The fees of the second and third quarters must be paid on or before the first day of the quarter. The Auditor will notify teachers of the delinquency of students who fail to pay their fees promptly and teachers will refuse such students admission to their classes until payment is made. One dollar will be added to the fees of any student who fails to pay fees within ten days after the beginning of the quarter, and a dollar a week thereafter.

The matriculation fee is paid but once for all time, but must be paid by all students, whether appointive or not, and whether regular, unclassified, or special. Special students are required to pay the same fees as regular students. Fees will not be refunded to students who leave school during the year. Students taking painting and design must furnish their own brushes, pens, paints, and other materials. Also those who take china painting must pay for the ware on which they paint. All students are entitled to the free use of library facilities and apparatus in the different departments in which they work. They are held responsible for damage to equipment resulting from their own carelessness.

All textbooks used by the students are furnished by the College, the students being charged a reasonable rental for the books used.

ESTIMATE OF EXPENSES

Matriculation fee (payable but once for all time by all students on first entrance)-----	\$ 5.00
Hospital fee (yearly, by all students, on entrance)----	2.50
Incidental fee (non-appointive students \$5.00 at first of each quarter)-----	15.00
Material and supplies fee (all students \$2.50 at first of each quarter) -----	7.50
Library fee and book deposit (all students on entrance) -----	10.00
Boarding (eight and one-half months \$16.00 to \$20.00 at the first of each month) \$136.00 to-----	170.00
Uniform -----	*36.00
Other clothing and dry goods-----	25.00
Laundrying -----	20.00
Sundries -----	30.00
	\$321.00

The above estimate is for new students who do not hold appointments.

With the return of half of the book deposit at the end of the year the estimate is \$5.00 less, or-----	\$316.00
Old students, non appointive-----	311.00
New students, appointive-----	296.00
Old students, appointive-----	291.00

These sums do not include a fee of \$4.00 required as a laboratory fee, paid by all chemistry students. One-half of this fee is refunded at the end of the session.

The estimate may be reduced in the case of old students who do not need to invest the full amount indicated for College uniform.

It will be noted that these estimates include the maximum rate for board. Room and board in private families average about \$17.50 per month. Students pay \$4.00, \$5.00, and \$6.00 for rooms in private homes. If board is secured elsewhere the students may expect to pay from \$12.50 to \$13.50 per calendar month.

To the above estimates should be added the railroad fare.

*For description and itemized cost of uniform see pages 120-122.

ECONOMY ENCOURAGED

Every precaution is taken to guard against extravagance and unnecessary expense on the part of the student. The test of a student's standing in the College of Industrial Arts, or among her associates, is not the amount of money she has, or the amount she spends. The spirit of the student body is for simplicity and economy.

Students are encouraged and given practical assistance in economizing their funds and in earning a part of their expenses, when that is desired. For example, the College maintains, independent of its regular laundry and laundry instructional departments, well equipped laundry rooms, where students are permitted to do all their own laundering. A sewing room is also equipped and kept in order in the dormitory, where all students of the College may sew for themselves.

A number of positions are offered in which students may earn a part of their expenses—such positions as dining-room service, clerical work, and student assistantships.

One thing that has greatly increased the expenditures of students while in College has been the indulgence of parents in permitting their daughters to make frequent visits home. It is the policy of the College authorities to discourage in every way possible the frequent visits of students to their homes or to relatives who live outside of Denton, and it is earnestly hoped that parents will co-operate with the College in avoiding this item of expense.

Students are requested not to make up, or to have made up, a number of elaborate dresses preparatory to coming to the College. The College authorities reserve the right to send home needless wearing apparel or dresses that are too elaborate or are inappropriate for the use of the college girl. It is the policy of the faculty not only to discourage needless expenditures, but to forbid conspicuous evidence of extravagance.

Students are forbidden to contract bills at local stores without first placing on file with the President written permission from their parents to this effect. Violation of this rule subjects the student to suspension. Merchants of Denton are depended upon to co-operate with the College in the enforcement of this rule, which is for the mutual benefit of merchants, students, and the College.

The College has a small banking department, in which the student may keep a money deposit subject to check. Money may be sent by parents directly to the College and

placed to the credit of the student's check account. When it is desired, the parents are kept informed of their daughters' expenses.

RESIDENCE

The students of the College live in Stoddard Hall, Brackenridge Hall, Oakland Annex, the Methodist Dormitory, and in approved private homes situated within the college community. The State dormitories, Stoddard Hall, Brackenridge Hall, and Oakland Annex, are under the management of a Director and a trained Dietitian, both of whom reside in the dormitories and are members of the College Faculty. They are assisted by four lady teachers who also reside in the dormitories. These dormitories furnish accommodations for about three hundred and fifty students for rooms, and about seven hundred and fifty for meals.

The Methodist Dormitory, situated across the street from the State dormitories, is owned and superintended by the Texas Women's Missionary Society of the Methodist Church and is under the direct management of Mrs. F. B. Carroll and a resident lady teacher. The Methodist Dormitory, though not owned by the College, is conducted strictly according to the regulations and standards of conduct of the College, as formulated by the faculty, and its government and discipline are the same as in the State dormitories. About seventy-five students live in the Methodist Dormitory.

All private homes where college students room, or room and board, are carefully inspected and approved by a committee of the faculty. No homes are thus approved unless they have proper equipment and care, and safe and wholesome surroundings. Every possible safeguard is thrown around the students in private homes. Each home group has its special faculty adviser, whose duty it is to make frequent visits to the students of the group and to assist the lady in charge of the home in securing observance of study hours, in regulating the use of the telephone, and in observing the conditions of the rooms of students. Frequent visits are also made by the President of the College, the Dean of Women, and the College Physician.

(Rooms in Stoddard Hall and Oakland Annex are ready for occupancy and it is expected that the rooms in Bracken-

ridge Hall will be ready, but there is a possibility that the rooms in Brackenridge Hall will not be available until a later date in the fall).

Students residing in private homes are expected to provide themselves with the same articles for their own use as are required of students in the State dormitories. Students are not permitted to live in private homes except by definite assignments made by the College, nor are they permitted to change either rooming or boarding place without the consent of the Dean of Women or the President of the College.

Each student applying for room and board in any one of the dormitories, or for a room, or a room and board, in a private home, will pay an assurance fee of five dollars (\$5.00) to the Auditor of the College. If the student after having a room, or a room and board reserved, fails to matriculate in College, or fails to remain until the close of the regular college session, she thereby forfeits her assurance fee. Otherwise the fee is credited on the student's room rent, or on her room and board account, for the last month of the regular college session. All students are expected to furnish six napkins, four bath towels, four hand towels, one bureau scarf, 19 inches by 41 inches, and one table runner 26 inches by 60 inches. In order to keep the napkins uniform in appearance and properly laundered, it seems advisable to ask each student to pay \$1.00 (one dollar) at the time of enrollment to cover this expense. The management will furnish the linen and keep it laundered.

PLAN FOR THE ASSIGNMENT OF ROOMS IN THE STATE DORMITORIES AND IN PRIVATE HOMES

A student who reserves a room in one dormitory will not be permitted to transfer her reservation to another dormitory.

Students residing in Stoddard Hall, Oakland Annex, or Brackenridge Hall, and desiring to reserve a room may deposit their assurance fees with the Auditor of the College on or before the second Saturday in April and be assigned rooms for the following session.

All other students who are attending the College and who wish to reserve rooms in Stoddard Hall, Brackenridge

Hall, or Oakland Annex, for the following session may deposit their assurance fees with the Auditor on or before the third Monday in April and be assigned rooms for the following session.

Prospective student and others who failed to make applications and pay assurance fees on the dates mentioned above will upon payment of assurance fees be assigned rooms in the State dormitories as long as rooms are available. Whenever it is practicable, students will be given their choice of room-mates.

After all rooms in the State dormitories are reserved, students are assigned to rooms in convenient and satisfactory private homes in the order of their applications and payment of assurance fees. These students may express their preferences for the private homes to which they wish to be assigned. The names of students who are assigned to rooms in private homes are filed in the order of their applications and payment of fees, and vacancies in the dormitory rooms, as they may occur, are filled from the waiting list in the order in which the names are filed.

Students for whom rooms are reserved are expected to report on the first day of the College session. If a student has paid her assurance fee for a room in a dormitory or in a private home and fails to report on the first day of the College session, she thereby forfeits her room and assurance fee, unless she has previously notified the College as to the time she expects to arrive. By notifying the College the room will be reserved, provided room rent is paid to the Auditor of the College at the rate of \$5.00 a week from the opening day of the session. The College reserves the right to make any necessary readjustments at any time in the rooming or boarding arrangements of students. The assurance fee mentioned above is held not only as an assurance for the student's entrance, but also for the proper care of dormitory property. If the student should cause damage or loss to dormitory property beyond reasonable wear, the amount of such damage will be deducted from this deposit. Otherwise the whole amount of the deposit will be credited on her room and board account for the last month of the College session, unless the student withdraws from College before the end of the regular College session, in which case she forfeits the assurance fee.

SPECIAL PROVISIONS FOR THE STATE DORMITORIES

1. The rates for room and board, not including laundry, are from \$16.00 to \$18.00 per student per calendar month; for board without room, the rate is \$13.50 per student per calendar month.

These amounts are payable in advance, at the first of each calendar month. No rebate or credit is allowed for time missed by students or in case they leave before the end of the month, except at the time of the Christmas vacation. A student who fails to pay board within five days after it becomes due will be required to pay a delinquency fee of \$1.00 a week until payment is made.

On taking possession of her room each student will deposit with the Auditor of the College 25 cents in exchange for her door key, which amount will be refunded when the key is returned.

2. All students of the College have the privilege of using the sewing room in the dormitory. Students are not permitted to have sewing machines or pianos in their rooms. See statement elsewhere relative to piano practice for instrumental music.

3. Students desiring to have extra luncheons and refreshments are permitted to use the students' kitchen and private dining-room. Students may not use or keep chafing dishes or other cooking equipment in their rooms.

4. Students boarding in Stoddard Hall, Brackenridge Hall, and Oakland Annex are expected to attend church services on Sunday. They are advised to attend the church and Sunday school to which they or their parents belong, if their denomination is represented in the city. Faithfulness to all moral and religious duties and opportunities is considered a matter of greatest importance.

SPECIAL PROVISIONS FOR METHODIST DORMITORY

1. Each student desiring room and board in Methodist Dormitory shall file her application for same, together with an assurance fee of \$5.00, with the Auditor of the College.

The student will be assigned to a place in Methodist Dormitory only on the recommendation and approval of Mrs. F. B. Carroll, Manager, with whom she may correspond concerning the matter. The assurance fee in this case is subject to the same conditions of forfeiture, deductions, and credit as is the fee deposited for assignment in the State dormitories. The rates for room and board, and the regulations governing the time of payment, refunds, and delinquency are the same for Methodist Dormitory as they are for the State dormitories.

2. Each student who expects to board in Methodist Dormitory will bring with her or purchase on her arrival in Denton the following articles for her own use:

Two sheets, $2\frac{1}{2}$ yards wide and 3 yards long.

Three pillow cases 21 x 34 inches.

One pair of wool blankets.

One large white spread without fringe.

One dresser scarf, plain white Indian-head preferred.

Dresser tops are 19 x 42 inches.

Towels.

Six linen table napkins.

Soap and other necessary toilet articles; a teaspoon and a glass for use in room.

The students in each room must supply themselves with broom, dust-pan, and neat inexpensive waste-basket.

The students may bring with them sofa cushions, pictures for walls, and their decorative articles for their rooms.

Students are allowed to use full length or sash curtains over the window shades, if they are made of material which harmonizes with the wall tints.

3. A brief daily vesper service is held, which all students are required to attend. Every girl is required to be loyal to the church of which she is a member and to attend its services and Sunday School. The girls in the Dormitory receive kind, personal supervision, so as to supplement parental watchfulness, care, and authority. Domestic order is insisted upon, and efforts are made to create an atmosphere of culture and refinement. All this is truly educational, and is quite possible with the number of students living in the Dormitory. Everything is done to aid the students in their College work, and to encourage Christian life and character.

Address Mrs. F. B. Carroll, Methodist Dormitory, Denton, Texas.

DIRECTIONS APPLICABLE TO ALL DORMITORIES

1. Each student shall pay her board in advance at the first of each calendar month, at the fixed rate for the room to which she has been assigned.

2. Students who wish to board in the dormitories before the opening of the fall quarter in September, or during the Christmas vacation, or after Commencement, are charged at the rate of \$1.00 per day for extra time. This applies before Monday noon of opening week and from the afternoon of the first day of the Christmas vacation, to the forenoon of the last day of the vacation, and from the afternoon of the day school closes. However, students must make request in writing in advance for such extra board. Those in charge reserve the right to reject the application if in their judgment this seems best.

3. Meals sent to rooms must be arranged for through the head of the table to which the student concerned belongs, and are charged for at the rate of 10 cents per meal. No extra charge is made for regularly prepared meals sent to the dormitory boarders who are confined to Hygeia Hall by order of the physician.

4. Visitors who desire meals or rooms in the dormitories will be accommodated, if room permits, at the rate of \$1.00 per day, or 25 cents per meal. This applies to parents as well as to other visiting friends of students. The same rate applies whether they occupy the guest room or the other rooms. Students desiring to have guests or callers must first secure necessary permission from the Director or Manager. Students may not have visitors on Sunday except their parents.

5. All students living in the dormitories are expected to have their laundering, including bed linen, blankets, towels, and wearing apparel of all kinds, done in the College laundry. The rates charged are about 25 per cent less than commercial laundry prices. Students are required to have blankets laundered once a year, at least, and more frequently if the Director or Manager should so advise.

6. Students' trunks should be plainly marked before they leave home, with name, and if possible, the dormitory room number. A shipping tag tied to the handle will serve the purpose. Students are advised to hold their baggage checks until they arrive at the College office.

7. Such additional regulations will be adopted as seem necessary for the well-being of the households. Students are required to keep their rooms clean and in order, and to

abide by such schedules as may be formulated from time to time. Rooms must be open for inspection by the Dean of Women, the Director, or lady adviser, at any time.

STANDARDS OF CONDUCT APPLICABLE TO ALL STUDENTS.

It is the policy of the College of Industrial Arts to have as few fixed rules regulating the conduct of students as is consistent with their best interests. It is assumed that when a young woman enters the College, she comes with the definite purpose of deriving the most possible good from her college life.

It is the aim of the College to place only such restrictions and guidance in the life of the student as will develop in her the power of self-control and self-direction, and to make her able to recognize, and to regulate her life according to the highest ethical standards. This does not mean, in any sense, that the student's conduct is not closely observed and directed, for conformity to certain definite standards is expected and required of all alike. The entire student body is divided into small groups, and each one of these groups is placed directly in charge of a member of the faculty, who looks after every phase of the student's welfare. Effort is made to stimulate in the student the desire and the power to act from principle and to do right because it is right. Only those students are desired who are willing to conform to the spirit of the College in matters relating to standards of conduct. Matriculation in the College includes an obligation on the part of the student to abide by its standards and regulations in every detail.

To indicate the standard of conduct to which all students are expected to conform, the following regulations have been adopted:

1. Students will be expected at all times to conduct themselves as cultured young ladies. The standard of conduct will be that of a refined home, and conduct which would not be approved in such homes will not be permitted.

2. Students are expected to keep their rooms and clothing neat and clean. Rooms must be open at any time to inspection by the Dean of Women, the Faculty Advisers, and other College authorities.

3. Students must be in their rooms during study hours. Study hours are from 7 o'clock until 10:30 each evening, except on Saturday and Sunday. Studying, visiting, and social gatherings are absolutely forbidden after 10:30 o'clock p. m.

4. Students must not be out after dark except when properly chaperoned and then only with permission of the Dean of Women.

5. Students are not allowed to borrow money, or to contract bills at local stores or other places of business, without first placing on file with the President written permission from their parents or guardians. Merchants of Denton are requested to co-operate with the College in the enforcement of this rule, which is for the mutual benefit of merchants, students, and the College.

6. Exercises are conducted in the College chapel each school day. All students are expected to attend these exercises unless excused by the President.

7. Excursions and other social gatherings of students are not allowed on Sundays. It is expected that on Sunday mornings all students will attend the church to which they belong or which their parents or guardians prefer them to attend.

8. Students are not allowed to receive gentlemen callers except by written permission of their parents or guardians and by direct permission of the Dean of Women. Such callers may be received on Saturday evenings. Sunday visits are not permitted. Company must be entertained at such places as may be designated by the Dean of Women.

9. Students may not leave town to go home or elsewhere without direct permission from the President of the College. The President will not grant permission to a student to leave town without written permission from one of her parents or from her guardian. Students may visit friends or relatives in Denton only by special permission of the Dean of Women.

10. Students are not expected to go to town more than once a week. Permission to go a second time in the same week must be obtained from the faculty advisers or the Dean of Women and such permission will be granted only for urgent reasons.

11. In case of sickness the College Physician, whose services are free to students, must promptly be notified; however, students may, with the approval of the President of the College, call in another physician if they prefer to do so, in which case the College does not pay the physician.

12. Students are expected to present written excuses (on blanks furnished by the College) for absence from and

tardiness to classes. Excuses on account of absence from the city must be signed by the President; excuses on account of sickness must be signed by the College physician.

13. All students whose homes are not in Denton are required to have their mail addressed in care of the College of Industrial Arts. The correspondence of students must be limited to a reasonable amount.

14. Students are not allowed access to the telephone, and its use by the students must be by special permission and only then for purposes approved by the College.

15. Proper student organizations are encouraged, but no such organization may be formed without the consent and approval of the President of the College.

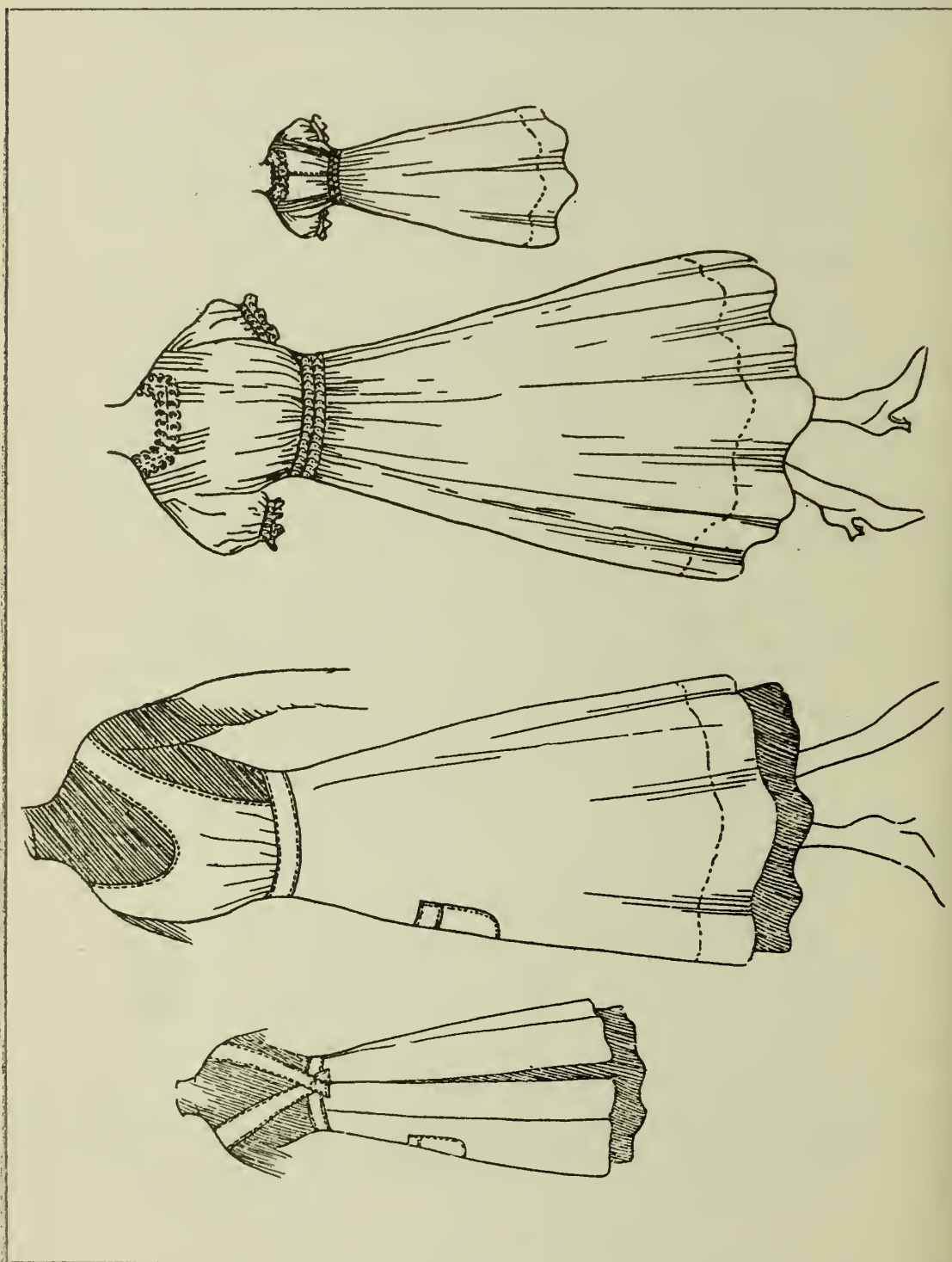
16. Students are amenable to the standards and authority of the College at all times after their arrival in Denton and in coming from and going to their homes.

17. All students whose homes are not in Denton must file at the College formal application for room and board. Students are allowed to board only at such homes as have the approval of the President of the College, and no student may arrange for or accept a boarding place without first obtaining the President's consent. Students may not change their boarding places without good reason and the direct permission of the President or the Dean of Women.

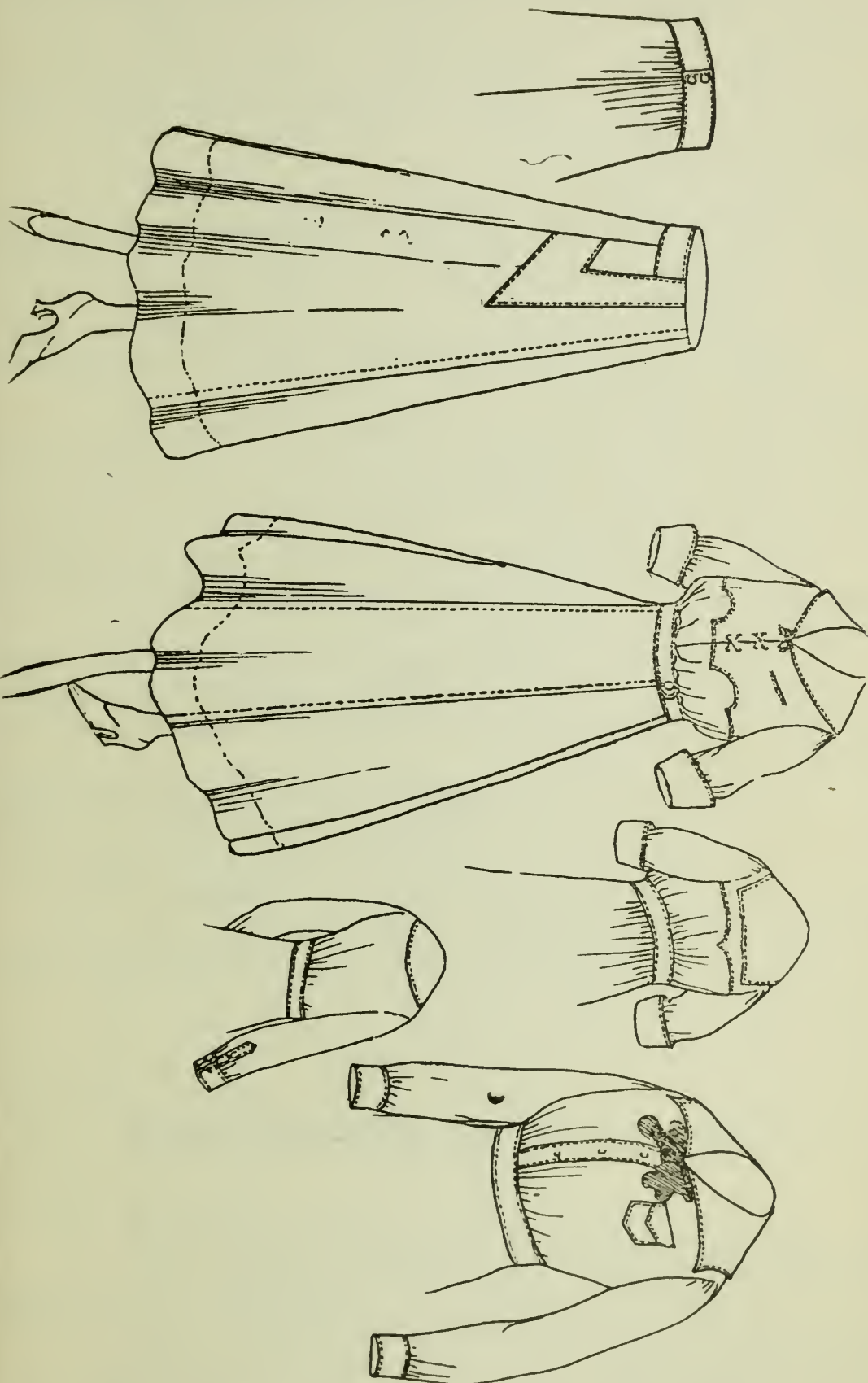
18. Students living in a private home must respect the authority of the lady in charge of the home, who is held responsible for the enforcement of the standards and regulations of the College. It is expected that all violations of regulations be reported to the students' faculty advisers. Serious or urgent matters must be reported directly to the President, or to the Dean of Women.

19. Students are not permitted to remain in private homes that encourage or permit disloyalty or disobedience to the College. Students are never left alone at night, but are at all times in the care of some responsible woman whose duty it is to safeguard their interests.

20. Exceptions may be made to these rules for weighty reasons, provided proper application therefor be made and approved in advance. Students should consult their faculty advisers in matters not covered by these regulations.



UNIFORM PATTERNS



UNIFORM PATTERNS

UNIFORM DRESS REGULATIONS

1. During the College year all students are required to wear the uniform dress at all times (For exceptions see Nos. 5 and 8).

2. For street, students will be expected to wear the full uniform, which consists of either the skirt and white waist, or the blue serge suit. The cap must be worn with the uniform dress.

3. For church and for all social and public affairs the white uniform dress or the white skirt and waist may be worn when the season permits or at the discretion of the Dean of Women.

4. The blue dress may be worn to all classes and about the College campus, but must not be worn to the evening meal or on Sundays.

5. For the Monday breakfast a simple dress or a middy blouse may be worn.

6. Gymnasium suits and shoes must not be worn outside of the gymnasium.

7. The uniform must be worn as directed on and after September 15, by old students, and September 26, by new students.

8. All students whose homes are in Denton must wear the uniform to and from College and on the College campus. At all other times they may or may not wear the uniform as their parents direct.

9. All students are required to wear the uniform when traveling to and from the College after the regulations have gone into effect.

10. Students must not dispose of College uniforms to anyone living in Denton.

11. Any variations from these rules must be approved by the Dean of Women.

DESCRIPTION OF UNIFORM DRESS

All students are required to wear the regulation uniform dress, which consists of the following parts:

1. A navy blue serge suit, consisting of a coat and skirt. All students should provide themselves with an extra uniform skirt, which may be purchased separately.

2. White waists to be worn with uniform skirt must be made of regulation cambric No. 60 using August Pictorial

Review pattern No. 6898. Make the waist with pocket and attached collar as indicated in pattern. Close waist in front with box plait finish, in which four button holes are to be made. Make sleeves as shown in pattern with a plain straight cuff two and one-half inches in width. A navy blue tie is to be worn with white waist. Each student should have at least six of these waists. It is wise to shrink the goods before making waists.

3. Wash dresses to be worn only within the College premises and on such occasions as picnics, etc., must be made of Parkhill Imperial Chambrey No. 7588. Make dresses exactly as indicated in Pictorial Review Pattern No. 6896. White collar and cuffs to be made of No. 60 cambric. Finish skirt with four-inch hem. Each student will have at least two of these dresses. Shrink material before making.

4. For dress occasions there shall be a plain white flaxon, one-piece dress, made according to Pictorial Review Pattern No. 6897. Finish skirt with a four-inch hem. Square neck and three-quarter length sleeves trimmed with dainty durable lace and insertion one inch in width. Belt made of insertion. Each student must have two of these dresses.

5. A white dress skirt to be worn with white uniform waist must be made of Galatea according to Pictorial Review Pattern No. 6899. Finish skirt with a four-inch hem. Each student must have one skirt of this kind.

6. For laboratory work in the department of Foods and Cookery, students will need long white aprons. These should be made at home, three in number, of soft finished cambric (10c), according to pattern in Pictorial Review No. 6870. The goods should be shrunk, and the apron be made to come one inch above the bottom of the dress skirt.

7. Four towels, three-fourths of a yard in length, of blue and white checked glass toweling, will be required. Also two white holders, suspended by tape, which may be attached to the band of the apron. Thin asbestos holders may be purchased, if desirable, and washable white cases, suspended by tape, made to hold them. These may be purchased after reaching Denton at thirty-five cents each, including a holder. The blue chambray dresses will be worn in the laboratories.

8. Black hair ribbons may be worn.

9. When off the campus all students must wear the regulation cap, except on their daily walks to and from the College, and when taking out-of-door exercise.

10. For campus use a white outing hat, uniform size, may be worn in warm weather, and a navy-blue toboggan cap in cold weather.

11. Plain black stockings of sensible weight and shoes of standard style in black leather shall be worn. No fancy colors or novelty styles will be permitted.

12. A medium shade of conventional one or two-button tan kid gloves shall be worn with the serge suit. White silk or lisle thread gloves may be worn with the white dress. For every-day wear in extremely cold weather, blue woolen gloves may be worn.

13. A navy-blue uniform sweater may also be worn on the campus for every-day wear during the cold season.

14. A gymnasium suit of blue serge must be purchased by all girls who are required to take physical culture. In order to secure uniformity the gymnasium suit must be bought in Denton.

15. All students are expected to provide themselves with storm coats in dark blue or black, and with high rubbers.

16. If a heavy top coat is needed it should be of a black or dark blue color.

17. Long aprons are needed for the work in manual training, chemistry, etc. These should be made after school opens, according to directions that will be given by the heads of the various departments.

18. Students must purchase the suit, cap, athletic suit, outing hat, toboggan cap, and sweater in Denton after conferring with the instructors in the Domestic Art Department.

The clothing described in paragraphs 2, 3, 4, 5, 6 and 7 should be made before coming to Denton, but the material or sample of materials should be procured from Denton merchants in order to secure uniformity.

19. Estimate of cost:

Blue serge tailor-made suit.....	\$20.00
White flaxon dress	4.00
Two blue Chambray dresses.....	3.00
(Exclusive of the making)	
One white dress skirt.....	1.25
Six white Cambric waists.....	3.00
(Exclusive of the making)	
Gloves, ribbons, etc.....	2.25
Cap	2.50

Total.....\$36.00

COLLEGE SURROUNDINGS AND ACTIVITIES

One of the most prominent characteristics of the student body of the College of Industrial Arts is the atmosphere of wholesome congeniality and democratic living that pervades it. The unity and loyalty of the student body is exceptional. It is contributed to by several conditions. The close association and sense of comradeship existing among the students, and between the faculty and students, have often been the subject of favorable comment. The teachers give unstintingly of their time and energy, outside of classroom and formal instruction, to the social life, the moral uplift, and the solution of the problems of the individual student. No student comes to the College of Industrial Arts and is lost in the mass. Every student is assigned a definite place in a small group that is directly supervised by a member of the faculty who looks after the student's needs and comforts in every possible way. This applies to students living in private homes as well as those living in the dormitories, and students living in private homes are subject to the same supervision and requirements as dormitory students.

The democracy and the congeniality of the student life is further promoted by the adoption and use of a college uniform dress. The uniform consists of several different kinds of costumes, described in detail on pages 120-122. They are neat and stylish and as inexpensive as is consistent with their attractiveness and substantiality. Extravagance is discouraged in every possible way, and the students come to feel that what a person IS counts for more than what she SPENDS.

Though the College is not under the supervision of any religious organization, the moral, spiritual, and Christian influences in the College life are irreproachable. Students are urged to attend Sunday school and church services on Sunday, as regularly as they do in their home towns. The Young Women's Christian Association holds a religious service every Sunday evening, and also furnishes to the students many very pleasant social occasions. Exercises are held daily in the College chapel for the entire student body.

RECREATION

Wholesome, recreative pastimes and various days of securing healthful enjoyment and entertainment are generously provided within the College community. Excursions and picnic trips to some of the woodland resorts are supplemented by smaller group luncheons and spreads in the park or woods of the College campus. College and dormitory tea parties and receptions, both formal and informal, give the students the advantage of both the pleasure and the training in the proprieties of social life.

Outdoor sports, tennis, basketball, hockey, tether-tennis, track work, field day exercises, all add vigor and zest to the college life and stimulate strong but friendly rivalry, further strengthening the oneness of the student body while developing a true sense of self control, self direction, and fair dealing.

It is believed that the "problems and perils of leisure are greater than those of labor," and that members of the faculty should play with the students as well as work with them. At the College both are done with earnestness and joyousness. The final test of any plan or method is, "Does it work?" The College counts its happy-hearted, self-controlled, serious-working student body a sufficient answer.

STUDENT ORGANIZATIONS

Students' clubs and other college organizations are well represented in the College. The most important of these are: The Students' Association and Students' Council, contributing much to the social solidarity of the student body and rendering valuable service in the maintenance and promotion of high ethical ideals; the Athletic Association, having charge with faculty advice and supervision of the various athletic activities; two literary societies known as the M. Eleanor Brackenridge club and the Chaparral club, each having full membership in the Texas Federation of Women's Clubs; the Young Women's Christian Association, promoting the social and religious life of the students; the Press club, in good standing with the Texas Intercollegiate Press Association; the Glee club and Orchestra, and a number of smaller clubs representing the town or county in which the members live.

STUDENT PUBLICATIONS

The students of the College publish a weekly paper, *The Lass-O*; a quarterly magazine, *The Daedalian*; and the graduating class publishes a *Year Book*. These publications are managed entirely by the students, with a slight supervision by a Faculty Committee on Publications appointed by the President. *The Lass-O* is devoted entirely to current happenings about the College and to present problems and interests of the student body. *The Daedalian* is a literary magazine to which the best work of the English Department is contributed. Any student in the College of any department, however, is cordially invited to add to its contents. The *Year Book* of the graduating class is devoted exclusively to subjects and illustrations of peculiar interest to the student body. Every department of the College is represented in some way in this book, both humorously and seriously.

LECTURES, ENTERTAINMENTS, CONCERTS, AND RECITALS

Every year the students of the College have many opportunities to enjoy the very best quality of entertainment given by lecturers, authors, readers, and musicians, of local, National, and international standing. Various subjects—informational, ethical, cultural, practical—are presented in these entertainments, adding much pleasure and benefit to the college life. During the college year 1915-1916 the students have heard Rudolph Ganz, Oscar Seagle, the Philharmonic Orchestra of New York conducted by Josef Stransky, S. H. Clark, W. J. Bryan, the Devereux Players, Kittie Cheatham, the Zoellner Quartette, and others of equal rank. During commencement week, a Shakespearian pageant in which two hundred and fifty students participated, was given on the College campus under the direction of the Department of Expression.

DEMONSTRATION COTTAGE

The College has, as a part of its Household Arts Department, a model demonstration cottage, or place where practice-housekeeping work is carried on. The Cottage is a modern, well planned, substantial building. The planning of this building was made a part of the work of one of the house-planning classes, and the details were worked out by two students of the College of Industrial Arts. The interior finish and decoration, and the furnishing and equipping, were also planned by students under Faculty supervision.

The practical house-keeping work is conducted on the following plan with slight modifications from time to time. The senior students taking the Household Arts course are divided into small congenial groups. Every group lives in the cottage two or more weeks under a trained and experienced instructor, usually one of the instructors in the Household Arts department. During this time, each student in turn serves as cook, assistant, and housekeeper, thus gaining experience in carrying on the work in the house in accordance with approved methods, such as previous investigation and instruction have determined.

The object of the work is to teach the student how best and most easily to accommodate herself to simple conditions and to a moderate income; how to prepare simple and appetizing dishes well chosen as to their food value and cost; how to lay the table in an attractive manner with a limited supply of silver, china, and linen; how to serve food in the most attractive way with the least outlay of time and energy, as would be done in the home without a maid; and how to clean and keep in good condition the floors and the interior woodwork of the cottage.

Before going to the demonstration cottage, the students report to the College physician to be examined as to their general condition; their weight is taken and blood tested. This is repeated at the end of their residence in the cottage, and the records compared. At the end of this experiment, a complete dietary study is made by each girl of her work as cook. An estimate of the cost of the food, the amount of waste discarded, and the nutrients (carbohydrates, fats, and proteins) consumed, with their values in calories. The hours which each person devoted to sleep, to light exercise, to study or other mental work are ascertained, as well as the number of calories required in accordance with the different

weights. The model demonstration cottage is, perhaps, the the most unique, popular, and practical phase of the Household Arts work, and is the application and culmination of the course in Home Economics.

LIBRARY

The Library of the College of Industrial Arts occupies large airy rooms on the second floor of the Administration Building. With windows opening on the four sides, excellent ventilation and light are obtainable. The Library is in charge of an experienced graduate librarian and assistants, and is so organized and conducted that it is an ideal place for quiet, concentrated reading and study. Since the students have free access to the shelves and stacks, they come in contact with subjects and material outside the scope of their regular work.

The best set of reference books are to be found in the Library—the general cyclopedias and those devoted to special subjects. In addition to the well selected books covering the work of all the departments of the College, there are collections of books of general information and culture. All the leading newspapers of Texas, as well as some of those from other States, are available. Magazines for work in special subjects and those of popular interest are supplied.

THE COLLEGE LAUNDRY

All students living in the dormitories are expected to have their laundry work done in the College laundry. Students and teachers not living in the dormitories may, if they wish, have their laundry work done in the laundry at the same rates as the occupants of the dormitories.

Laundry lists, with prices, are supplied in advance. A laundry list, filled out with the owner's name and the number of different articles deposited, must accompany every bundle of laundry sent in. The list is used in sorting the laundry, and in returning same. When returned, it shows the amount of work and the cost of same, settlement for which is made when the monthly board is paid.

All articles must be plainly marked with the name of the owner, the marking to be with indelible ink. The name may be placed on each white article with a pen. In the case of dark goods a small strip of white linen bearing the name should be sewed to the garment. In no case may a student include in her laundry bag any article or articles belonging to another student. Students must arrange these matters among themselves so as to avoid the confusion of laundry markings.

Each student must have her own laundry bag, which should be plainly marked with her name, and which shall be used in delivering her laundry at the laundry room at such times as may be announced. Laundry bags should be made according to directions given by the teacher of Domestic Art at the opening of school, the cost of material for each bag not to exceed twenty-five cents. Students may not deposit or receive laundry work at any other times than those announced by the management.

Cleaning and pressing may be done by the occupants of the dormitories and annexes in the College laundry, the cost of the same, which is small, to be charged to the laundry account of those who do such work. The laundry reserves the right to refuse to do the laundry of any student until she has complied with the requirements mentioned above.

Copies of the printed laundry list, with full regulations governing laundry work, are sent on request.

There are well equipped laundry rooms in one of the instructional buildings, quite separate from the regular laundry above referred to, where any college student who desires may do all her own laundry work, upon payment of a very small nominal fee. A large number of students avail themselves of this opportunity.

SUMMER SESSION OF THE COLLEGE

The summer session of the College, known as the fourth quarter, is composed of the summer school and of the summer normal institute for teachers.

The aim of the summer school of the College of Industrial Arts is to provide opportunities for summer school instruction equal to the opportunities offered for instruction during the other regular quarters of the college year. Review classes in all subjects required for the various grades

of State teachers' certificates and both series of State examinations are offered for public-school teachers and for those who are preparing to enter the profession.

The summer quarter is an excellent time to prepare for entrance examinations to the regular College classes. By attending summer sessions and electing the required work in education, one may complete any of the regular four-year courses in three years, and receive a teacher's permanent certificate, without examination. Credits from other reputable educational institutions may be transferred to the College, and with the exception of one year of resident work, any of the regular College courses may be completed during summer sessions.

Special arrangements have been made for former graduates of the College of Industrial Arts to do work for the bachelor's degree in the summer.

The instruction in the Summer Normal Institute is given by members of the College Faculty, assisted by public-school teachers, high-school principals, superintendents of city schools, and superintendents of county schools, selected because of their special qualifications, their close touch and sympathy with the work of public-school teachers, their successful experience as instructors in summer-normal institutes. While not neglecting the cultural phases of education, each instructor gives not only class instruction but personal and individual help with a view to preparing teachers to stand successfully the examinations for teachers' State certificates.

The instruction in the College subjects of the summer school is given by members of the regular College faculty, which consists of sixty men and women who received their education and training in the best colleges and universities of America and Europe.

DEPARTMENT OF EXTENSION

The College has a well established department of Extension, the aim of which is to take the practical work of the College, in so far as possible, directly to the homes of the people of Texas who do not have the privilege of attending the College.

The first requirement for efficient extension work or extra-mural teaching along any particular line is a strong

intra-mural department. The College more than meets this requirement, for so well has it carried out its purpose of benefiting the women and the homes of Texas, that it now has the strongest department of Home Economics in the entire Southwest, and is therefore the logical institution to do such extension work. Much interest is added to the work of the Department of Extension by the several short and very practical courses offered by the College during the summer session—such courses, for example, as that offered in the canning and preserving of fruits and vegetables.

During January, 1916, the College of Industrial Arts, at the request of the Agricultural and Mechanical College of Texas, and in co-operation with the United States Department of Agriculture in its Home Economics demonstration work, gave a three-weeks course to the County Canning Club and Home Demonstration Agents of Texas. The work included such subjects as practical sewing, cookery, canning, and preserving, laundering, gardening, poultry-keeping, and dairying, and rural social problems. The work was intensely practical and was received with enthusiasm by the County Canning Club and Home Demonstration Agents, practically all of whom were in attendance. The College, through its Department of Extension, also renders service to the women's organizations of Texas in the preparation of courses of study and special papers, by furnishing them organized and systematized literature on their various subjects of study, and by occasionally furnishing them special lectures on phases of their work.

The work of the department is carried on, in general, through the medium of short, practical courses, educational exhibits, lectures, demonstrations, bulletins, and direct correspondence, and therefore reaches thousands of people who would otherwise never receive any direct benefit from the College.

BIBLE STUDY COURSES

It is a recognized fact that Bible study makes a valuable contribution to a student's educational equipment, not only in promoting the development of right spiritual and ethical ideals and standards but also in furnishing much that is cultural and practical in literature, history, and sociology.

A Bible Chair, under the auspices of the Methodist women of Texas, has recently been established in the College. The courses offered for credit in this department are undenominational in their content and treatment, and, with the approval of the Committee on Classification, may be elected in meeting the requirements for a bachelor's degree.

All instruction in this department will be given by Miss Helen S. Stafford, who holds the degrees of A. B. and M. A. from the State University of Kansas, and who has had Bible training in the Oberlin Theological Seminary and several years' experience in Bible teaching in connection with the Young Women's Christian Association.

APPOINTMENTS, SCHOLARSHIPS, AND OTHER AIDS FOR STUDENTS

APPOINTMENTS

The Board of Regents of the College has, according to law, made provision for about two hundred appointive students to be apportioned throughout the State. Entrance to the College is not limited to appointive students. An appointment to the College reduces the annual expense twenty dollars (\$20.00), as appointive students receive credit for the incidental fees (\$15.00) and are given free use of textbooks (\$5.00). An applicant for such appointment should write to, or consult with, the county superintendent of the county in which she lives.

SCHOLARSHIPS TO THE HONOR GRADUATES FROM HIGH SCHOOLS

A scholarship is awarded the girl who graduates with the highest record in scholarship and deportment from any Texas high school of the first class, as designated by the State Department of Education. This scholarship is presented on the occasion of the girl's graduation, and secures for the holder exemption from the payment of the College fees and book rental (\$20.00), provided she matriculates in the College on the opening day of the session following the date on which the scholarship is awarded.

CHAPARRAL LITERARY CLUB SCHOLARSHIP

The Chaparral Literary Club will offer two scholarships worth twenty-five dollars each at the beginning of the

College session, September, 1916. These scholarships have been awarded to Gertrude Millar of Decatur and Julia McCoy of Alfred.

MARY ELEANOR BRACKENRIDGE CLUB SCHOLARSHIP

The Mary Eleanor Brackenridge Club has established a scholarship worth one hundred and sixty dollars a year. This scholarship was held during the past session by Grace Root of Westfield. It will be held next session by the same student who now holds it.

TEXAS FARM WOMEN'S COUNCIL SCHOLARSHIPS

During the past session (1915-16) Miss Mary Eleanor Brackenridge gave a scholarship of three hundred dollars through the Texas Farm Women's Council. This scholarship was held by Eloise Trigg of Milano. It will be continued through next season, and will be held by the same student who now holds it.

An additional scholarship of equal amount is given by Miss Brackenridge for next session. This scholarship will be held by Annie Wolf of Beeville.

LOUIS LIPSITZ SCHOLARSHIP

Louis Lipsitz, President of the Dallas Chamber of Commerce and Manufacturers Association, offers for the session 1916-17 a scholarship worth three hundred dollars. The holder of this scholarship must be a mature, purposeful young woman with previous school training equivalent at least to graduation from a well established high school, and must, as a student of the College of Industrial Arts, take the work of the Homemakers Course. This scholarship is to be awarded on recommendation of Mrs. T. P. Marshall, County Canning Club and Home Demonstration Agent of Dallas County.

LYDIA B. GRUBBS MEMORIAL SCHOLARSHIP

In recognition of the faithful, efficient, and self-sacrificing service rendered the cause of industrial education in Texas, by the Honorable V. W. Grubbs of Greenville, the citizens of the State founded in 1915 by voluntary contribution, a scholarship to be known as the Lydia B. Grubbs Memorial Scholarship. It has a value of three hundred dollars a year derived from a permanent endowment. The fund is under the direction of the Board of Regents of the College. The first and present beneficiary is Lillie Belle Grubbs, daughter of Honorable V. W. Grubbs.

PRIZES FOR STUDENTS OF GERMAN

In order to encourage the study of the German language, the Sons of Hermann of Texas offer money prizes to the students of German. This applies to students of the first, second, and third year classes, three prizes being given in each class to the students making the three highest grades in competitive examinations. These examinations are held during the spring quarter of each year and include reading, conversation, grammar, composition, and literature. The prizes for the past session total one hundred and ninety dollars and were awarded to the following students. Third year class: first prize, Ruth Kline; second prize, Edith Rogers; third prize, Genevieve Smith. Second year class: first prize, Nancy Kritser; second prize, Virgie Dyer; third prize, Johnie Lee Femster. First year class: first prize, Olive Black; second prize, Gladys Helm; third prize, Clarice Mixson.

**TEXAS FEDERATION OF WOMEN'S CLUBS
SCHOLARSHIPS AND LOAN FUND**

The Texas Federation of Women's Clubs offers a number of scholarships valued at twenty dollars each. These scholarships are intended for those students only who need financial assistance. The Federated Clubs also have a Loan Fund from which students of the College may secure loans. A loan thus obtained bears four per cent interest from date and must be based upon a note payable to the Texas Federation of Women's Clubs and be signed by two responsible persons. The note must be accompanied by a certificate bearing the signature of the applicant's home bank vouching for the responsibility of the signers. For further information, address W. E. Spencer, Auditor of the College of Industrial Arts.

ENROLLMENT OF STUDENTS

SUMMARY OF ENROLLMENT BY YEARS

1903-1916

During the first few years of the life of the College of Industrial Arts, there was little change in the attendance from year to year. In the main, this slow growth was due to a misunderstanding as to the real purpose of the institution and as to the function which it was destined to perform in the education and training of the young women of Texas.

Within recent years, the objects of the College have been better understood, and the school has enjoyed an unparalleled growth. The session of 1915-16 which has just closed, shows an increase in enrollment of 28.6 per cent over the preceding year. Including the summer session, which has had a corresponding growth, there have been enrolled during the thirteenth year of the College approximately 1200 young women. The fact that the number of Freshman in the regular session of 1915-16 was 268, all of whom were graduates of standard high schools, exceeded the entire matriculation of the eighth year of the College indicates the position which the College has assumed among the higher institutions of learning in the State. The tabulations below give only the enrollment during the regular session of each year since the College opened its doors.

Year	Attendance
1903-04	186
1904-05	192
1905-06	194
1906-07	199
1907-08	255
1908-09	216
1909-10	226
1910-11	257
1911-12	325
1912-13	425
1913-14	545
1914-15	626
1915-16	805

ENROLLMENT FRESHMAN CLASS

1915-1916

	County or State
Allard, Doralyce	Denton
Allen, Bess	Tom Green
Anderson, Evelyn	Williamson
Austin, Ione	New Mexico
Barnes, Irene May	Bexar
Bates, Kathleen	Denton
Baxter, Lennie	Nacogdoches
Beal, Irma	Trinity
Bennett, Beulah Belle	Grayson

	County or State
Berry, Florence	Navarro
Berry, Tom	Red River
Bobbitt, Exor	Ellis
Bowles, Esther	Denton
Bradley, Cleo	Hall
Branson, Blanche	Dallas
Bridges, Mabel	McLennan
Britt, Elliott	Tarrant
Brown, Ula	Wise
Burt, Johnnie	McLennan
Buster, Morie	Parker
Caddell, Vera	Denton
Cadell, Mrs. H	Denton
Cain, Carrie A.	Harris
Callaway, Donna	Denton
Campbell, Ilona	Parker
Carlisle, Robbie Lee	Kaufman
Carpenter, Lucile	Panola
Carter, Eira	Navarro
Carter, Olga	Crosby
Cass, Motie	Milam
Cheney, Catherine	Titus
Cobb, Susan	Denton
Cochran, Irma	Harris
Cochran, Zelma	Harris
Coffee, Ruth	Knox
Collins, Jenkie	Hartley
Cory, Maud	Denton
Cox, Katherine	Bexar
Crawford, Iva	Menard
Crawford, Thelma	Oklahoma
Crippen, Vara	McLennan
Curlin, Elsie Belle	Burleson
Daniel, Margaret	Williamson
Davidson, Jessie	Denton
Davie, Fannie	Denton
Davies, Mary	Tarrant
Davis, Ima	Red River
Davis, Mary Lou	Wharton
Davis, Middie	Panola
Desenberg, Corinne	Limestone
Douthitt, Lillie	Jones
Downing, Lottie	Brazoria
Duncan, Bertha	Young
Duncan, Doris	Titus
Earle, Emma	McLennan
Edwards, Katherine	Smith
Evans, Olga	Collins
Farris, Verda Margaret	Denton
Fears, Lucile	Sabine
Fields, Mary Lucile	Denton
Florey, Tennie	Midland

	County or State
Foster, Gladys	Gonzales
Foster, Janie Lou	Denton
Foster, Nelle	Collin
Foster, Vera	Gonzales
Fox, Lonnie	Denton
Gerlach, Bessie M.	Denton
Gibson, Mary	Wood
Glass, Bess	DeWitt
Gleason, Esther	Cherokee
Goldstucker, Marion	Smith
Gorman, Nellie May	Wood
Gorman, Ona Kay	Wood
Gresham, Maud	Bexar
Griffith, Etta	Brewster
Guess, Gertrude	Tarrant
Haley, Gladys	Grayson
Hall, Gladys	San Patricio
Harpole, Ilena	Scurry
Harrison, Lucy	Brazos
Hart, Rada	Knox
Hartley, Eula	Denton
Hartshorne, L. Marie	Kerr
Henderson, Kathleen	Robertson
Henry, Bernice	Floyd
Herblin, Nell	Cook
Higgins, Lyda	Hopkins
Holloway, Essie	Gonzales
Holloway, Ona	Red River
Holman, Leska	Titus
Hope, Willie	Nolan
Huckabee, Eunice	Haskell
Hughes, Mrs. J. M.	Galveston
Isbell, Emerald	Grimes
Jennings, Myrtle	Caldwell
Jones, Lilac	Brazos
Jones, Margaret	Galveston
Jones, Nellie	Dallas
Jordan, Ina	Hale
Killingsworth, Alice	Haskell
Kitchens, Charm	Wood
Koethe, Lucile	Clay
Kubella, Della	Wharton
Lea, Carrie Mae	Van Zandt
Leary, Hallie	Caldwell
Lemmons, Addie Lee	Terrell
Lively, Mabel	Baylor
Long, Frances	Childress
Lytton, Helen	Lampasas
Marchman, Vera	Denton
Matthaei, Evangeline	Austin
Maxwell, Agnes	Travis
Miller, Hazel	Grayson

	County or State
Miller, Lucile	Denton
Miller, Sallie Lea	McCulloch
Miller, Virginia	McCulloch
Mixson, Clarice	Jasper
Moffett, Mary	Hardeman
Montgomery, Ethel	Navarro
Moore, Gladys	Denton
Morrison, Fay	Donley
Morton, Altha	Moore
Motley, Mary	Gregg
Murphy, Mary Agnes	Cooks
Murray, Mildred	Bexar
Myer, Faymie	Harris
McAllister, Ethel	Travis
McCollum, Myrtle	Cooke
McCoy, Julia	Jim Wells
McCullough, Daisy	Travis
McElrath, Jessie	Cooke
McGee, Lillie	Bowie
McIlvain, Bess	Denton
McKamy, Bess	Denton
Nevill, Irene	Fannin
Oliver, Sadie	Bell
Palmer, Mattie Lee	Scurry
Peers, Majorie	Cooke
Peterson, Ruth	Medina
Phillips, Muriel	Armstrong
Piner, Jo	Denton
Pirtle, Elizabeth	Smith
Powers, Anne	Bexar
Price, Lena	Denton
Rae, Elsie	Hamilton
Ragland, Adele	Denton
Reubell, Lila	Grayson
Rhyne, Edith	Rockwall
Rich, Bessie	Travis
Richardson, Coila	Callahan
Robbins, Vera	Johnson
Rogers, Boose	Denton
Root, Grace	Harris
Rudd, Madge	Bell
Runnion, Pauline	Hunt
Sanders, Lillie Fay	Brazos
Sanders, Loraine	Denton
Sanders, Mary	Grimes
Saunders, Rachel	Tarrant
Scarborough, Vera	Fannin
Schallert, Bertha	Jim Wells
Schallert, Ethel	Jim Wells
Schnabley, Margaret	Denton
Scott, Iola	Hill
Scull, Janie	Wilson

County or State

Sears, Eula	Grayson
Sherrod, Willie	Denton
Shields, Margaret	New Mexico
Shultz, Nettie	Johnson
Simpson, Gladys	Denton
Sims, Perla	Cooke
Singleton, Dovie	Burnett
Smith, Elsie	Rusk
Smith, Johnnie Leslie	Panola
Smith, Lyda	Oklahoma
Smith, Maud	McCulloch
Smythe, Stella	Johnson
Southerland, Ruth	Grayson
Spears, Alma	Van Zandt
Spencer, Thelma	Ellis
Splawn, Bernice	Wise
Stallings, Winnie	Kaufman
Stockton, Bernice	Coke
Stockton, Beth	Wharton
Swinney, Ila	Denton
Tankersley, Leta	Irion
Taylor, Dorothy	Shackelford
Taylor, Gladys E.	Runnels
Taylor, Kathleen	Van Zandt
Thomas, Kate	Grayson
Thomas, Leona	Houston
Thomas, Ruth	Dallas
Thompson, Jabie	Johnson
Thompson, Montague	Baylor
Thomsen, Hertha	Brazos
Tribble, Mildred	Grimes
Trigg, Eloise	Milam
Trotter, Bertha	San Patricio
Varnelle, Marjorie	Bowie
Vaughan, Isabel	Harris
Veltman, Ethel	Kinney
Walker, Kitty Frances	DeWitt
Walker, Mattie	Rockwall
Walker, Vivian	Tarrant
Wall, Acie	Tarrant
Wallace, Mary R.	Washington
Ward, Lennie Ola	Ellis
Warren, Mary G.	Wilson
Watkins, Elma	Denton
Watson, Marjorie	Hill
Watts, Augusta	Robertson
Weaver, Alene	Denton
Weeks, Reba	Wichita
White, Mamie	Cameron
White, Pauline	Collin
Whiteman, Abbie	Red River
Whyburn, Bessie	Denton

	County or State
Wileman, Norine	Williamson
Williams, Erna	Kaufman
Williamson, Ethel	Grimes
Willis, Cleta	Denton
Willis, Geneva	Denton
Winston, Winniford	Scurry
Woodall, Annie	Gregg
Wright, Marian	Harris
Yearwood, Mabel	Floyd
Young, Lois Mae	Johnson

SOPHOMORE CLASS

Adams, Verna	Denton
Ayres, Cora	Comanche
Ayrer, Frances	Bexar
Barksley, Maud	Ellis
Baxter, Laura	Nacogdoches
Bell, Bonnie	Denton
Bell, Edith	Williamson
Benson, Lilla Mae	Travis
Berry, Gertie	Navarro
Blackman, Juliet	Limestone
Bobbitt, Mattie	Hill
Bradley, Beulah	Hall
Brashear, Maggie	Denton
Briggs, Zada	Ward
Brown, Effie	Ellis
Brown, Lyndall	Orange
Buster, Willola	Denton
Byers, Barbara	El Paso
Carlisle, Susie	Collin
Carter, Mattie Mae	Bastrop
Chorn, Ruth	Tarrant
Clarkson, Mary Ellen	Tarrant
Clēere, Mary Lucy	Madison
Coffee, Ethel	Mitchell
Coffin, Sue	Hill
Cox, Lucy	Coleman
Craddock, Mozelle	Dickens
Crawford, Esther	Menard
Crews, Nelle	Childress
Dabney, Minnie Lee	Comanche
Davidson, Alice	Dallas
Davis, Winnie	Denton
Dealy, Marie	Harris
Dishman, Mauva	Cottle
Dobson, Vera	Brown

	County or State
Dyer, Virgie	Oklahoma
Edwards, Bernice	Denton
Edwards, Mamie	Denton
Ellison, Eleanor	Presidio
Enloe, Bonnie	Limestone
Evers, Ollie May	Denton
Fabi, Reba	Travis
Farris, Lucile	Denton
Feemster, Johnnie Lee	Panola
Ferrell, Irene	Collin
Fitzgerald, Dorothy	Cherokee
Fountain, Mrs. Vallie	Nacogdoches
Frances, Vada	Hunt
Fyffe, Madge	Denton
Gandy, Mary	Travis
Garrison, Blanche	Denton
Gause, Winona	McLennan
Green, Mildred	Floyd
Hair, Furman	Bell
Hall, Lou Willie	Dallas
Hallman, Lennie	Van Zandt
Harper, Catherine	Oklahoma
Henderson, Ruby	Clay
Herring, Esther	Limestone
High, Katherine	Lamar
Hill, Miltia	Schleicher
Holley, Esther	Wood
Huckabee, Laura	Haskell
Hull, Sadie	Panola
Isaac, Sallie	Williamson
Jackson, Fay	Roberts
Jackson, Ruth	Limestone
Jameson, Anne	Montague
Johnson, Mary	Childress
Keck, Cora	LaSalle
Keeble, Mate	Tarrant
Kelley, La Merle	Nacogdoches
Kennerly, Mary Douglas	Cooke
Kerley, Mabel	Denton
Kirkpatrick, Rosalie	Lamar
Kline, Frances	Dallas
Kuschke, Lillian Belle	Bell
Locker, Eunice	San Saba
Lofland, Amanda	Rockwall
Laughlin, Catherine	Dallas
Lucas, Mayme	Dallas
Lynch, Aline	Jefferson
Madden, Kate	Oklahoma
Macgruder, Dorothy	Tom Green
Manes, Maud	Coleman
May, Cora	Briscoe
Michie, Pearle	Kaufman

	County or State
Mixon, Kathleen	Jasper
Modrall, Winnie	Grayson
Moore, Margaret	Lampasas
Morris, Edith	McCulloch
Mulkey, Reva	Grayson
Murphy, Alta Maud	Polk
McCullar, Zelma	Denton
McHenry, Maud	Hidalgo
McJunkin, Willie	Grayson
Naylor, Nano	Grayson
Newton, Aline	Ellis
Nichols, Ready	Denton
Pancoast, Elsie	Howard
Peeples, Nina	Rains
Price, Augusta	Shackelford
Rawlings, Olivia	Coke
Ritchie, Corinne	Dallas
Robertson, Lula	Johnson
Russell, Annie Laurie	Grayson
Russell, La Rue	Coke
Sanders, Blanche	Van Zandt
Scott, Elizabeth	Fannin
Sealy, Irma	Limestone
Sherrill, Rachel	Navarro
Shoemaker, Naomi	Oklahoma
Skeen, Vera	Briscoe
Smith, Florence	Guadalupe
Snipes, Mary	Cass
Sparks, Mary	Hardemann
Spearman, Rosa	Dallas
Stallings, Mattie	Nacogdoches
Stoker, Esther	Parker
Strickland, Gladys	Grayson
Swafford, Beatrice	Denton
Taylor, Josephine	Tom Green
Townsend, Annie Louise	Lavaca
Trawick, Hazel	McLennan
Turner, Eleanor	Harrison
Walker, Leta	Grayson
Washington, Kittye D	Falls
Watson, Lucile	Sabine
West, Margie	Nueces
West, Ruth M.	McLennan
Willis, Vena	Denton
Wilson, Mayme	Mason
Winn, Leone	Dallas
Wood, Annie Merle	Uvalde
Woodrum, Bessie	Baylor
Wright, Elizabeth	Jim Wells

JUNIOR CLASS

County or State

Aldredge, Charles	Denton
Allen, Elizabeth	Oklahoma
Ashley, Selma	Arkansas
Atwell, Kitty	Dallas
Bailey, Lois	Denton
Baird, Pauline	Roberts
Beck, Ruth	Bexar
Bell, Ruby M.	Bexar
Birdwell, Maedelle	Howard
Black, Olive	Titus
Booth, Mary	Hamilton
Bralley, Rose Ella	Hunt
Buntin, Lois	Dallas
Cain, Fannie Belle	Harris
Clements, Annie Lois	Lampasas
Cousins, Nona	Gray
Cox, Cora	Fannin
Craddock, Lutie	Denton
Dealy, Elizabeth	Harris
Dennison, Marie	Bell
Dyer, Lela May	Jones
Eberle, Irmengard	Bexar
Eikel, Eleanor	Comal
Evans, Mabel	Denton
Finch, Helen	Tarrant
Fitzgerald, Ara	Denton
Greenwood, Bessie	Val Verde
Hall, Lester	Dallas
Harrell, Vinnie Belle	Young
Hassell, Frankie	Tom Green
Hayden, Mamie Lee	Tarrant
Helm, Gladys	Bosque
Hermes, Myrta	Fayette
Hooper, Clara Belle	Hale
Horton, Mildred	Dallas
Howell, Nannie P.	Parker
Humes, Emma	Coryell
Hurst, Jeanette	Bosque
Jarrell, Eddie	Navarro
Jesse, Ida	Williamson
Jeter, Lovie	Tarrant
Jones, Lillian	Denton
Kline, Ruth	Harris
Lain, Willie	Denton
Lawson, Katherine	Bell
Little, Reba	Bosque
Logan, Esther	Harris
Macgregor, Helen M.	Webb
Manning, Lucy	Fannin
Mattison, Isabell	Freestone

	County or State
Meyer, Elsa -----	Fayette
Mitchell, Nellie May -----	Denton
Moore, Iva -----	Hamilton
Morton, Vera -----	Jones
Murrey, Alice -----	Van Zandt
Myers, Clairene -----	Bell
McCall, Alice -----	Jim Wells
McCravey, Leta May -----	Limestone
McFarland, Connie -----	Denton
McHenry, Alma -----	Hidalgo
McLeod, Beulah -----	Van Zandt
Nichols, Mrs. C. R. -----	Denton
O'Neal, Alice -----	Cass
O'Neal, Charlcy -----	Denton
Ousley, Clare -----	Brazos
Owens, Olive -----	Denton
Owsley, Lottie -----	Denton
Prachar, Allie -----	Armstrong
Rattan, Jewel -----	Collin
Reubell, Nell -----	Grayson
Rice, Lucy -----	Smith
Rogers, Edith -----	Denton
Schied, Jessie -----	Grayson
Schwab, Meta -----	DeWitt
Smith, Genevieve -----	Wilson
Stevens, Elinor -----	Milam
Storey, Carrie -----	Falls
Stratton, Mary -----	Hill
Tomlison, Birdie -----	Denton
Von Blucher, Nellie -----	Nueces
Watkins, Georgia -----	Georgia
Williams, May -----	Irion
Williams, Susie -----	Irion
Wisdom, Catherine -----	Denton
Yeates, Miriam -----	Tarrant
Young, Lucile -----	Rusk

SENIORS

Bates, Belle -----	Denton
Farr, Lillian -----	Tom Green
Foreman, Vera -----	Denton
Fox, Azile -----	Rusk
Kritser, Nancy -----	Williamson
Lacy, Edith -----	Denton
Neibert, Dorothy -----	Denton
Smith, Ellen -----	Denton
Smith, Lolie -----	Falls
Thorne, Lillian -----	Denton
Underwood, Maud -----	Denton

COMMERCIAL ARTS

	County or State
Babb, Claudia	Hopkins
Bolin, Georgia	Scurry
Brown, Hazel	Grayson
Campbell, Abbie	Parker
Coleman, Mary	Clay
Conner, Merle	Wood
Davidson, Anna Mae	Galveston
Emery, Helen Louise	Tarrant
Evans, Clara	Potter
Fitzgerald, Beulah	Brown
Buck, Erna	Freestone
Jameson, Ethel	Oklahoma
Kastl, Edith	Brazoria
Meinecke, Willie	Crockett
Nabours, Pearle	Martin
Nelson, Jewel	Foard
Piper, May	Kansas
Raley, Ada May	Callahan
Read, Ina	Brown
Roderick, Josie May	Fannin
Slaughter, Ethel	Howard
Tom, Ada	Martin
Wagnon, Grace	Scurry
West, Mrs. Gertrude	Denton
Williford, Ada Belle	Jefferson
Yarnell, Mary	Denton
Zimmerman, Zelna	Coleman

VOCATIONAL CLASS

Chappell, Dannie	Hall
Cox, Severne	Denton
Hammer, Winnie	Hill
Hassell, Georgia	Anderson
Jasienriz, Stacia	Denton

FIRST PREPARATORY

Ballew, Maud	Hill
Bowen, Aggie	Menard
Bridges, Altha	Hardeman
Cahill, Ruby	Haskell
Favor, Lucy	Tarrant

	County or State
Green, Florence -----	Floyd
Holstead, Bess -----	McLennan
Hull, Fanabel -----	Panola
Jeter, Jewel -----	Tarrant
Langford, Helen -----	Rusk
Masters, Alberta -----	Denton
Mikeska, Rosalie -----	Hill
Minter, Prue -----	Hopkins
Peavy, Katherine -----	Dallas
Peavy, Thelma -----	Dallas
Smith, Dorothy -----	Hill
Smith, Marie -----	Dallas
Sparks, Winnie -----	Hardeman
Thayer, Maybelle -----	New Mexico
Toepperwein, Louise -----	Menard

SECOND PREPARATORY

Allen, Ruth -----	Cooke
Arnold, Mattie -----	Houston
Ashley, Nette -----	Arkansas
Barnett, Ney -----	Gregg
Barnhill, Hoyland -----	Hardin
Boone, Beryl -----	Haskell
Burks, Mabel -----	Grayson
Bussell, Vada -----	Hale
Callihan, Nova Lee -----	Carson
Carpenter, Esther -----	Kaufman
Cobb, Mayme -----	Tom Green
Conner, Elsie -----	Tarrant
Cornell, Sarah Ellen -----	Galveston
Daniel, Lois -----	Nacogdoches
Davis, Hessie -----	Collin
Ellis, Rachel -----	Tom Green
Garnett, Vivienne -----	Smith
Gibson, Mattie -----	Bexar
Graham, Grace -----	Oklahoma
Gravely, Esther -----	Dallas
Grubbs, Lillie Belle -----	Hunt
Harper, Ethel -----	Limestone
Harrison, Louise -----	Bosque
Heisig, Nellie -----	Jefferson
Hubbard, Anne -----	Palo Pinto
Hughes, Winnie -----	Henderson
Hunt, Della -----	Limestone
Johnson, Nora -----	Wise
Jones, Sadie -----	Galveston
Kasberg, Clara -----	Runnels

	County or State
King, Vivian	Titus
Lamar, Kathleen	Camp
Lane, Marguerite	Robertson
Leatherford, Amy	Hunt
Lee, Hattie Francis	Bowie
Mackenson, Emma	Harris
Marshall, Fern	Bell
Miers, Leah	Robertson
Miller, Grace	Bexar
Mills, Emma Lee	Limestone
Mitchell, Lena	Tom Green
Moncrief, Belle	Limestone
McKinney, Nan	Young
McMichael, Kathleen	Brazos
Neal, Mary Agnes	Fannin
Neal, Ruth	Fannin
Nelson, Bera	Titus
Newton, Jessie	Jones
Ogburne, Mary	Denton
Park, Willa Marie	Denton
Ponder, Margaret	Wise
Roberts, Mary Ola	Denton
Russell, Wilma	Oklahoma
Schmitz, Hilda	Denton
Sears, Mary Lee	Grayson
Spencer, Margaret	Ellis
Stearne, Hope	Harris
Stratton, Robbie Lee	Hunt
Taylor, Gladys K.	Harris
Taylor, Pearle	Wise
Terry, Ida Mae	Dallas
Turner, Ethra	Denton
Walker, Kathleen	Ellis
Walker, Wilna	Ellis
Warden, Maud	Collin
Warriner, Viola	Galveston
White, Aline	Collin
Williams, Branche	Denton
Wilson, Velma	San Saba

HOMEMAKERS CLASS

Anderson, Bessie	Navarro
Anderson, Florence	Nacogdoches
Arledge, Jennie	Houston
Barker, Maurice	Bexar
Bass, Fannie	Scurry
Beckham, Lucile	Denton

	County or State
Bernard, Elizabeth	Tom Green
Bowman, Kathleen	Denton
Bradford, Mary	Hardeman
Brauer, Eda	Bee
Britian, Ruby	Baylor
Brown, Minnie May	Navarro
Burrus, Jewel	Lubbock
Burton, Esther Mack	Houston
Cadenhead, Frances	Clay
Campbell, Daisy	Foard
Carter, Emma	Parker
Chabot, Edith	Bexar
Cobb, Aline	Bexar
Comer, Mary Nunn	Panola
Dixon, Spark	Gregg
Dowell, Ruby	Madison
Elliott, Afer	Milam
Frazier, Ethel	Uvalde
Hiatt, Elizabeth	Wilbarger
Hughes, Mattie	Galveston
Isaac, Lilla	Williamson
Isbell, Mrs. J. M.	Collingsworth
Jones, Etoy	Haskell
Maddox, Lauralie	Kinney
Mangold, Olga	Dallas
Meade, Lillian	Fannin
Miller, Ola	Callahan
Mueller, Mathilde	DeWitt
O'Quinn, Anne	Angelina
Parker, Clella	Fannin
Pressley, Burmah	Tarrant
Priddy, Retha	Parker
Raby, Edith	Coryell
Rogers, Bernice	Fannin
Smith, Nina Lee	Denton
Stroud, Blanche	Arkansas
Swartwood, Esther	Wilbarger
Thomas, Mary	Presidio
Vacula, Rose	Kaufman
Walker, Susan	Uvalde
Wilson, Anna	Coleman

SPECIALS

Akers, Benita	Hale
Allen, Eloise Marie	Eastland
Allison, Vernelle	Denton
Archer, Edna	Hardeman

	County or State
Arnold, Katherine	Clay
Bailey, Marie	Denton
Baldwin, Mrs. J. D.	Denton
Ballantyne, Roberta	Kinney
Balthrop, Ona	Denton
Barton, Mary Ella	Robertson
Bartorff, Corinne	Denton
Bates, Susan	Denton
Bettis, Avo	Comanche
Blewett, Gladys	Denton
Bray, Vonja	El Paso
Brown, Armour	San Saba
Burleson, Edna	San Saba
Burrell, Mrs. Grace	Lampasas
Butler, Margaret	Denton
Calliham, Margaret E.	Carson
Camp, Virgie	Denton
Campbell, Leola	Wood
Carr, Sarah	Denton
Cavitt, Ruth	McLennan
Chalmers, Fay	Bastrop
Charette, Josie	Denton
Christal, Grace	Denton
Clark, Esma	Bowie
Clayton, Lucile	Grayson
Cobbler, Anna	Grayson
Cole, Varina	Bell
Collins, Margaret	Denton
Cooner, Mattie	Haskell
Copeland, Beulah	Runnels
Creighton, Lillian	Taylor
Cuberly, Alberta Marie	Harrison
Curry, Callie	Houston
DeBow, Mary Virginia	McLennan
Denny, Lottie Lee	Wichita
Donahoo, Mary Louise	Hale
Duke, Katherine	Denton
Duncan, May Belle	Bell
Eaheart, Margaret	Shackelford
Elbert, Rosalie	Denton
Emery, Emma	Tarrant
Esry, Stella	Dallas
Farr, Margery	Taylor
Finley, Florence	Uvalde
Fritz, Jessie	Denton
George, Cleo	Navarro
George, Mildred	Ellis
Gidney, Daisy	Hale
Gidney, Marie	Hale
Gilbert, Louise	Hale
Glatzert, Minnie	McLennan
Green, Jessie Rachel	Wood

	County or State
Groves, Willie Emma	Dallas
Hanna, Mae	Wheeler
Harper, Mildred	Denton
Harris, Cleo	Martin
Harrison, Margaret	Kimble
Hillman, Wilma	San Saba
Hopkins, Mary	Colorado
Hughes, Jean	Williamson
Hulme, Fay	Collin
Hulsey, Emily	Fannin
Hutchins, Marion	Bexar
Jameson, Pauline	Harris
Johnson, Ethel	Midland
Keller, Mrs. Pearle	Dallas
Kuykendall, Annie May	San Saba
Label, Rose	Kaufman
Lomax, Elizabeth	Denton
Low, Willouise	Dallas
Luckenbeck, Norma	Menard
Luna, Gertrude	Grayson
Marshall, Dee	Panola
May, Virgie	Briscoe
Meier, Ottildie	McLennan
Meyer, Esther	Fayette
Milliken, Louise	California
Mills, Grace	Wichita
Moore, Imogene	Grayson
McClannahan, Grace	Bexar
McConnaghy, Miss	Wharton
Neibert, Mrs. S. J.	Denton
Obertheir, Gertrude	Rusk
Peel, Carmen	Kaufman
Pettitt, Loraine	Denton
Pettitt, Nell	Denton
Pettitt, Wayne	Denton
Phelps, Nellie Frances	Dallas
Phillips, Violet	Houston
Poole, Minnie	Delta
Proctor, Louise	Brazos
Puckett, Mrs. L. L.	Denton
Rabel, Emmie	Colorado
Rahl, Gladys	Wichita
Reed, Hazel	Denton
Reese, Maud Amy	New Mexico
Russell, Ada	Hale
Sanders, Jewel	Anderson
Sarrazin, Varina	Falls
Sayles, Helen	Taylor
Schaffer, Edith	Denton
Schiller, Vallie	McLennan
Schmitz, Helen	Denton
Schmitz, Laura	Denton

	County or State
Schultz, Laura J.	Denton
Seaman, Jennie	Briscoe
Shackelford, Lillian	Marion
Shannon, Mary Lucy	Jones
Shone, Lillian	Denton
Slocum, Mildred	Hood
Smith, Anne	Harris
Smith, Catherine	Brown
Smith, Gussie	Houston
Sneed, Bond	Williamson
Speed, Trudie May	Navarro
Stone, Mary	Jeff Davis
Sullivan, Edith	Denton
Summerville, Mayme	Hall
Swindell, Volah	Denton
Terry, Mary Frances	Midland
Thomason, Rose	Bexar
Thorn, Marjorie	Cooke
Tyson, Exa	Denton
Wagstaff, Bessie Lou	Taylor
Walker, Estelle	San Saba
Walker, Hallie	Dallas
Walker, Mary L.	Limestone
Walker, Mary Bernice	Carson
Warren, Susie Leta	Donley
Wasson, Fannie Louise	Dallas
Weaver, Clarice	Uvalde
White, Carrie Lou	Denton
Wilkerson, Ruth	Johnson
Williams, Daisy	Childress
Williams, Ella	Tom Green
Wills, Eunice May	Scurry
Wolfsohn, Mrs. H. A.	Denton
Young, Alice	Oklahoma

**CANNING CLUB AND HOME DEMONSTRATION AGENTS
OF TEXAS, WHO ATTENDED A SHORT COURSE IN
HOME ECONOMICS DURING JANUARY
1916, AT C. I. A.**

Mrs. R. A. Hickey	Comanche
Mrs. Cora M. Cross	Tarrant
Miss Etta Bellard	Orange
Miss Mary Sue Maddox	Parker
Miss Lillian Shackelford	Marion
Miss Ruby R. Fincher	Deaf Smith

County or State

Mrs. Beulah A. Marshall	Dallas
Miss Imogene Neely	Nolan
Miss Bessie F. Mason	Nacogdoches
Mrs. Cassie Ferguson	Navarro
Miss Mary Holloway	Victoria
Mrs. Beulah Murphree	Titus
Mrs. Berta L. Vaden	Grayson
Mrs. Daisy M. Frazier	Jim Wells
Mrs. Gertrude Davis	Ellis
Mrs. A. E. Ried	Harris
Miss Kate Lee Hentley	Bell
Mrs. Mary Wilkinson	Jackson
Mrs. Mae Click	Bee
Miss Birdie Griffin	Wichita
Miss Cora Martindale	Caldwell
Mrs. Clara Bagwell	Wharton
Mrs. Bernice McCoy	Jefferson
Miss Mary Locke	Brazos
Miss Edna Huffaker	Fannin
Miss Lilla L. Pearce	Atascosa
Mrs. Gussie Latimer	Harrison
Mrs. Lula B. Martin	Erath
Miss Maud Osborne	Lamar
Miss Ethel E. Hale	Coleman
Mrs. S. G. Gaston	Marion

ALUMNAE DIRECTORY

OFFICERS OF ALUMNAE ASSOCIATION

Katie E. Boyce	President
Marie von Blucher	First Vice-President
Edith Lacy	Second Vice-President
Susan F. Cobb	Corresponding Secretary
Lucy Manning	Recording Secretary
Elizabeth Storrie	Treasurer
Grace Watkins	Custodian Scholarship Fund

Abadie, Laura Lee	(Mrs. Frank Mulkey) 1321 Fairmount St., Fort Worth	1906
Ables, Anne	Terrell	1915
Abney, Teresa	(Mrs. James M. Charlton) Sour Lake, La.	1913
Abraham, Marie	2916 Smith St., Houston, Teaching D. A.	1914
Adams, Edith Noble	(Mrs. Wm. Bowman) Dallas	1908
Adkisson, Ruth	(Mrs. Finley Hare) Denton	1914
Aiken, Alimae	Art Student Columbia University, New York	1911
Alderson, Inez	Teacher Domestic Economy, Hillsboro	1912
Andrews, Kate	231 Georgia Ave., San Antonio, Teacher, D. S. Brackenridge, H. S.	1912
Andrews, Annie	(Mrs. Eric W. Schwartz) 338 E. 26th St., N. Y.	1909
Anthony, Gladys	Teacher D. S., S. M. U. Dallas	1914
Applewhite, Jane	220 South Olive St., San Antonio, Teacher D. S.	1914
Arnold, Vida	224 Tenth St., Sta. A., Dallas	1909
Ayrer, Mildred	1507 W. Houston St., San Antonio, Teacher Domestic Econ., Honey Grove	1913
Bachman, Florence	Throckmorton, Texas, Teaching at Iowa Park	1912
Bagnall, Anna	Corpus Christi, Teaching at Raymondsville	1912
Bain, Ethleen	(Mrs. Cecil B. Jones) Hamilton	1909
Baker, Para	(Mrs. Roy S. Harris) 304 Pierce Ave., San Antonio	1908

Baker, Ina	Granbury, Texas, Route No. 3	1914
Baldwin, Etta	(Mrs. C. O. Oldham) Kerens	1909
Ball, Katie Lee	(Mrs. A. F. Reese) Josephine	1913
Ballard, Margery	Teacher of Public School Music, Dallas, home address, Den- ton	1909
Banks, Anna	Director of D. A. Department, State College for Women, Chickasha, Okla.	1911
Barnes, Jessie	(Mrs. John R. Ritchie) Claude	1911
Bates, Susan	Student of D. A., Columbia Uni- versity	1911
Bates, Belle	B. S. Degree Student, Denton	1915
Beall, Julia	(Mrs. J. W. Mead) Valera	1907
Beck, Elsie	(Mrs. Robert T. Harpool) Hebron	1913
Beckman, Cressie	(Mrs. Sam Purcell) Florence	1907
Bell, Dot	Denton, Teacher at Savoy	1915
Bethea, Cora	(Mrs. W. B. Hughes) Hearne	1908
Bishop, Ethel	(Mrs. Claude Lane) 939 S. Grif- fith St., Denver, Colo.	1907
Black, Eva	(Mrs. L. H. Birthisel) Mt. Pleasant	1908
Blair, Oro Eliz	(Mrs. Charles Wakefield) Ponder	1906
Blow, Birdie	(Mrs. Frank B. Potter) Stop 6, Interurban, Fort Worth	1908
Blow, Pearle	(Mrs. B. B. Harris) Marlin, Do- mestic Econ., Music in H. School	1907
Blucher, Marie Von	Librarian La Retama Library, 123 N. Carrizo St., Corpus Christi	1908-09
Blucher, Pearl Von	211 North Carrizo St., Corpus Christi	1912
Bolin, Myrtle	(Mrs. Camp McGinnis) 1819 Euclid Ave., Dallas	1909
Bourland, Clara	Teneha, Texas, Teacher at Franklin	1914
Bourland, Virginia	Teneha, Teacher of Music in public schools	1914
Boutwell, Mary	Leonard, Texas, Teacher of D. S. Sour Lake	1913
Bowles, Mary	(Mrs. Rex C. Outlaw) Ranger	1908
Boyce, Katie E.	Runge, Ass't. in History and Eco- nomics, C. I. A.	1913
Boyd, Pearl Wallis	Teacher at East Bernard	1914
Bozeman, Jessie	Bartlett, Texas. Teacher in H. S.	1912
Bradley, Myrtle	(Mrs. Otis McCall) Washburn	1909
Brandt, Florence	Wallis	1914
Breihan, Olga	Bartlett, Teacher of History in schools	1914
Breihan, Laura	Bartlett	1912
Brigance, Veta	Beaumont, care Clairemont, Teach- er D. A.	1912
Browder, Bess	(Mrs. Fred McCullar) Denton	1911

Bruton, Irene	(Mrs. Clifton McDowell) Volga	1915
Bryant, Georgia	Cedar Hill	1906
Bumpas, Lena	312 W. 9th St., Dallas, Director of Domestic Art in H. S.	1905
Bumpas, Ruth	312 W. 9th St., Dallas	1915
Bunting, Lucile	Fort Worth, Teacher of D. S. in N. Fort Worth H. S.	1915
Burris, Amy	(Mrs. E. H. Lawhon) Taylor	1910
Burris, Lou	Jonah, Teacher at Jonah	1914
Burford, Vesta	Cookville, Teacher of D. S. in Texarkana. Address 122 Pine Street	1914
Burkhalter, Ina	Waco, Teacher of D. A. in H. S.	1912
Butler, Virginia	Temple, 705 E. Ave. A., Teacher of Domes. S. in H. S.	1913
Butler, Ada	(Mrs. E. V. Sweatt) Grandfalls	1907
Cahn, Estelle	Teacher at Beaumont	1911
Carley, Isabelle	461 St. Louis Ave., Teacher in Fort Worth	1915
Carter, Mary Lou	Elgin	1914
Carter, Rita	Royse City	1915
Chernosky, Julia	(Mrs. H. E. Beseda) Port Lavaca	1908
Childress Maude	(Mrs. Lloyd Wheelock) Corsicana	1915
Clark, Ludie	(Mrs. J. J. Thompson) Metamora, Illinois	1910
Clark, May	Rockdale, Librarian	1906
Cline, Gertrude	McKinney, Teacher at Plano	1915
Cobbs, Gretna	Denton, Teacher at Sonora	1905
Cobb, Susan	Denton, Ass't. English Dep't., C. I. A., B. A.	1915
Cochran, Loleta	(Mrs. E. E. Dattner) 1408 Michigan Ave., Houston	1909
Cochran, Viola	1518 Hamilton St., Houston	1914
Coffin, Julia	Itasca, Teacher at Itasca	1915
Cope, Mertie	(Mrs. J. H. Headrick) Clarendon	1908
Cornell, Lottie	Galveston, Texas, 1101 36th St., Teacher of D. S. in Y. W. C. A.	1915
Cotton, May	San Antonio, Teacher D. S., Morrill, H. S.	1913
Cowan, Lucile	Denton	1912
Cowdin Lucile	Flatonio	1913
Cowdin, Virginia	Flatonio	1914
Cover, Ellen (Dr.)	Practicing physician near San Antonio, Route C	1909
Cox, Viva	Dietitian Scott & White's Sanitarium, Temple	1911
Chambers, Allie	Decatur	1914
Crabb, Mary Leonard	Teacher of D. S. at Harrisburg	1908
Craddock, Lillian	(Mrs. Tilford Wilson) Sanger	1910
Craddock, Mattie	Denton, Texas, Teacher of D. E., Anderson	1915

Crain, Cora	(Mrs. Earl Tabor) 166 W. Oak St., Denton	1912
Crocker, Margaret	2505 State St., Dallas	1912
Croxton, Rhue	(Mrs. Arthur Boyd) San Angelo	1906
Croxton, Orbey	(Mrs. H. W. Hawley) Pilot Point	1911
Custer, Naomi	Plano	1915
Dameron, Bertha	Hereford	1912
Dameron, Frances	Hereford, Student of U. of T., Austin	1912
Davis, Pauline	Terrell, Director of D. E. in H. S.	1913
Davis, Inez	Terrell	1914
Denison, Bess	613 N. 6th St., Temple	1914
Dennis, Jewel	(Mrs. W. R. Timmons) Roby	1914
Denny, Maggie	(Mrs. Will Burnett) Iowa Park	1906
Denny, Gertrude	Iowa Park, Teacher of Primary Work	1906
Denny, Ida	Iowa Park, Teacher at Iowa Park	1913
Dillon, Ruth	1805 Caruth St., Dallas, Teacher of Domestic Econ. at Cisco	1913
Downie, Mary K.	Austin, Teacher of Domestic Econ- omy at Waelder	1915
Dunks, Eula	(Mrs. Henry W. Anderson) 6003 Sherman St., Houston	1908
Dunbar, Blanche	Lake Charles, La., Teacher at Ro- senberg	1915
Duncan, Edna	(Mrs. Volney Reed) Holland	1913
Durham, Lura	(Mrs. J. C. Hollingsworth) Ste- phenville	1908
Durham, Mae	Dunn, Texas. Teacher of D. E. at Sweetwater	1913
Drummond, Mamie	Bentonville, Ark. Teacher of D. E., Uvalde	1915
Dyer, Lura	Anson, Teacher of D. E. at Cooper, Texas	1914
Dodd, Ethel	Rosalie	1913
Dodd, Mary	Rosalie, Teacher at Gregory	1915
Easley, Emily	(Mrs. D. E. Magee) Chillicothe	1906
Ehrhardt, Marie	Westfield, Teacher of D. S. and English, Winnsboro High School	1914
Ellis, Rhea	(Mrs. James M. Quinn) Navasota	1913
Elmendorff, Stella	220 Armstrong St., San Antonio, Architect	1908
Evans, Margaret	Kent, Ohio, D. A. in High School	1907
Farr, Lillian	San Angelo, B. S. Degree Student at Denton	1915
Firquin, Ben	Tom Bean	1914
Ferguson, Zelma	(Mrs. J. C. Ballard) Trinchera, Colo.	1915
Foster, Vida	Jefferson, Teacher of D. E. and English	1914

Fincher, Ruby	Denton, Canning Club Agent at Hereford	1915
Foster, Nell	(Mrs. Slater) Jacksonville	1909
Foreman, Vera	Dallas, B. S. Degree Student at Denton	1915
Fountain, Alva	Marlin, Teacher at Marlin, Texas	1915
Fox, Azile	Henderson, B. S. Student, Denton	1914
Floyd, Bess	Dallas, Teacher at Navasota	1914
Frazer, Katherine	Decatur, Teacher City Schools, Ft. Worth	1911
Franke, Helen	San Marcos	1915
Frazer, Ripple	Decatur, Teacher of D. S. McKinney H. S.	1913
Frazier, Opal	(Mrs. Claud Hales) Eufaula, Okla.	1907
Freeman, Cora	Buda, Teacher of D. S.	1906
Gainer, Mabel	Pilot Point	1914
Gardner, Lucile	Sulphur Springs, Teacher at Sulphur Springs	1914
Garrison, Cora	(Mrs. Cyril Martin) McKinney	1908
George, Anne	Denton, Teacher at Eureka, Utah	1909
Huckaby, Willia	(Mrs. Enoch)	1906
Hughes, Bonna	(Mrs. G. E. Garner) 310 N. Ninth St., Phoenix, Ariz.	1906
Hughes, Sue	San Antonio, Teacher of D. S. in High School	1908
Hughes, Opal	541 W. Missouri St., El Paso, Teacher Pri. in El Paso	1911
Hughes, Alma	Mercury, Teacher at Lohn	1915
Humphreyville, Susie	1803 Leland Ave., Houston	1914
Hunt, Norine	Hillsboro (Teacher)	1909
Hunt, Leila May	Hillsboro, Teacher D, E. South Park, Beaumont	1913
Jackson, Ella	(Mrs. Clarence M. Hunter) Alamogordo, N. M.	1915
Jackson, Maude	Plainview	1909
Jackson, Verna	(Mrs. Gerald McKenna) Abilene	1911
Jackson, Florrie	Miami	1914
Jones, Marie	San Antonio, R. R. No. 2, Box 29	1915
Jarvis, Mildred	Troup, Teacher of D. E. Bishop	1914
Jameson, Pauline	Houston, 4802 Main, St., Teacher of D. E.	1915
Jennings, Nannie	Martindale, Teacher of D. E. at Celina	1912
Johnston, Bess B.	Ponder, Teacher at Silverton	1915
Jennings, Ara	(Mrs. Henry J. Ulbrich) Poteet	1913
Johnson, Lucile	Clarksville, Teacher at Cuthand	1915
Jonas, Elsie	San Antonio, Teacher of D. E. in H. S.	1907
Johnston, Lucy	Buda, Teacher at Creedmoor	1915
Kelley, Elizabeth	Groveton	1908
Kaigler, Mabel	Mart	1915
Kendall, Addie	Ramirena, Texas, Buena Vista Ranch	1907

Kenedy, Mrs. J. F.	1125 Brook Ave., Waco	1914
Kennedy, Reba	(Mrs. James H. Harned) Dallas	1914
Kercheville, Nellie	(Mrs. Walter Thomas) Big Foot	1906
Kerley, Ollie	Denton Grade Schools	1911
Kiber, Lillian	Corsicana, Teacher of D. E. State Orphans Home	1914
Kimbrough, Mary	(Mrs. R. A. Harty) 536 Boulevard, Houston Heights	1906
King, Johnnie	(Mrs. Frank Lockridge) Saginaw	1914
Kincaid, Beulah	(Mrs. D. H. Fry) Denton	1904
Kirkpatrick, Sara	49 Willie St., McKinney	1905
Kitchen, Cornelia	Terrell, Director Art School, Faire- mont College, Weatherford	1915
Kittrell, Nellie	3416 Milam St., Houston	1911
Kopke, Ethel	1068 Liberty St., Beaumont	1911
Kritser, Nancy	Taylor, B. S. Degree Student	1915
Lacy, Golden	Denton, Teacher in Denton Schools	1909
Lacy, Kate	Denton, Assistant in Manual Arts, C. I. A.	1909
Lacy, Edith	Denton, B. S. Degree Student	1915
Lacy, Mattie Lee	Denton, Ass't. Instructor, Fine and Applied Arts, C. I. A.	1908
Lambeth, Clive	Bailey	1914
Larrabee, Clara	Seabrook, Teach. Houston Heights Houston	1913
Le Master, Druzelle	McDade	1915
Little, Gladys	Temple, Teacher D. A. and Tex- tiles, Houston, North Side Junior, A. S.	1912
Lofton, Nola	Wallis, Teaching at Wallis	1915
Longcope, Madeleine	(Mrs. N. M. McGinnis) College Station	1912
Lightfoot, Alma May	Bridgeport	1913
Lovelace, Sallie May	(Mrs. Milton R. Stallings, 700 Els- beth St., Dallas	1905
Lyon, Olalee	(Mrs. Thos. M. Jarmon) Terrell	1907
Mack, Janet	1434 Hawthorne Place, Teacher of Domestic Economy, Lamar School, El Paso	1913
Magill, Esther	(Mrs. R. E. McCormick) Student in D. S. Mills College, Oak- land, Cal.	1909
Maiers, Ethel	Quinlan	1909
Malone, Margaret	Denton, Student of U. of T. Austin	1915
Manning, Ada	(Mrs. A. P. Grider) Leonard	1909
Manning, Lalla	(Mrs. C. F. Clark) Leonard	1908
Mason, Bess	Mt. Pleasant Canning Club Agent at Nacogdoches	1915
Martin, Jean	Big Springs, Teaching at Rich- land	1913
Martin, Lela	(Mrs. C. A. Wooley) Clarksville	1913

Mathews, Frankie	(Mrs. B. E. Simmons) Taylor, Box 348	1911
Maxwell, Anna L.	Austin, Teacher of D. E., Texas City	1912
May, Hazel	Whitewright, Teacher of D. S.	1914
McClurg, Charlse	Denison	1915
McFarland, Eula	Brownwood, Teacher Grade Work	1906
McGee, Jennie	(Mrs. W. E. Lamm) Haskell	1911
McGinnis, Hazle	Terrell	1913
McIlvain, Nannie	(Mrs. W. W. Merrymon) Ewa Daku, Hawaii	1906
McLeod, Katherine	Wills Point, Teacher D. S. Fort Worth H. S.	1906
McQuinn, Donna	(Mrs. Lee Stewart) Clifton	1906
McReynolds, Gertrude	Denton, Teacher Primary	1914
Medlin, Topsy	Wolfe City	1905
Melton, Mary	Leonard, Teacher at Leonard	1909
Miles, Nell	Wise, Va., Teacher Grades	1909
Mills, Nellie May	1210 Rusk Ave., Houston	1906
Mills, Virginia	(Mrs. C. L. Greenwood) 305 E. 15th St., Austin	1907
Miller, Hattie	Dwyer Ave., San Antonio, Teacher D. E.	1909
Miller, Emmy	Austin, Domestic Economy, Sedge- wick, Kansas	1914
Minnis, Bess	(Mrs. F. L. McFadden) Belton	1909
Minnis, Maggie	Denton, Special Student Domestic Arts, Columbia Univ., N. Y.	1907
Mitchell, Lossie	(Mrs. O. L. Ozier) 1920 N. 23rd St., Birmingham, Ala.	1909
Moore, Alice J.	Meridian	1906
Morris, Florence	Troup, Teacher grade work, Tyler	1907
Moursund, Henrikke	Fredericksburg	1908
Mulkey, Hettie	(Mrs. Marvin Reinhardt) 1321 Fair- mount Ave., Fort Worth	1908
Murrey, Ethel	Wills Point, Teacher of D. S. in high school	1915
Murfee, Mae	Lubbock	1909
Myers, Bess	3208 Cole Ave., Dallas, Teacher D. A. Oak Cliff H. S.	1911
Myers, Cecile	Uvalde, Teacher D. S. in El Paso	1915
Mullins, Lala	Detroit, Teacher at Woodland	1915
Neale, Laura F.	Leonard, Ass't. Instructor, D. S. of C. I. A.	1905
Neale, Nellie	(Mrs. J. H. Ray) Rush Medical College, University of Illi- nois, Chicago	1913
Neal, Ethel	Bonham	1915
Newell, Helen	(Mrs. Roy N. Davis) 216 W. Rio Grande St., El Paso	1909
Neibert, Dorothy	Denton, B. S. Degree Student, C. I. A.	1915

Newton, Georgia	Waxahachie, Teacher D. A. High School	1913
Newton, Theola	Midlothian	1915
Nix, Laura Mae	San Angelo, Teacher San Angelo	1916
Odell, Mrs. Harriett	(Mrs. E. Y. Hartwell 1217 Webster St., Houston	1911
O'Dell, Vera	Coolidge, Teacher at Coolidge	1914
Ousley, Angie	(Mrs. John E. Rosser) 313 South Preston St., Dallas, care World Book Co.	1909
Owens, Leah	Denton, Teacher at Frisco	1915
Ownby, Lela May	Merit, Teacher at Merit	1914
Patterson, Minnie Laura	Goodnight, Teacher Domes. Economy, Clarendon College, Clarendon	1915
Parks, Eva	(Mrs. C. L. Cowart) Lockney	1909
Parrish, Nina Vieve	Corpus Christi, Teacher at Gregory	1915
Pearce, Lilla	Thornton (State Canning Club Agent, Jourdantown)	1914
Pierce, Ella	Denton, Teacher of D. S. and D. A. Gilmer	1915
Pickens, Annie Laurie	Wallis	1914
Pickett, Elsie	Floresville, Teacher at Sulphur Springs	1909
Pinson, Laura	Teacher at Nocona, Texas	1909
Pirie, Laura	(Mrs. Julian J. Gilbert) San Antonio, care P. O. Dep't.	1907
Potts, Bird	(Mrs. Grady J. Lane) Valley Mills	1913
Powell, Pauline	Teacher Domestic Economy, Chemistry, St. Mary's Hall, San Antonio	1911
Poyner, Marie	(Mrs. Dave H. Crisp) Uvalde	1905
Prachar, Katherine	Goodnight	1913
Preuss, Minna	2969 Vernon Ave., Chicago, Ill., Student	1907
Prideaux, Elsie	(Mrs. Charles Smith) Lubbock	1912
Punchard, Eloise	(Mrs. W. D. Petzel) 1215 54th St., Chicago	1908
Rabb, Henrietta	Lone Oak, Teacher at Hedley	1915
Ramsey, Jennie	(Mrs. J. F. Sims) 1314 Providence St., Houston	1909
Rathbone, Rosalie	Denton, Teacher of D. A. in N. T. S. N.	1911
Ray, Josephine	Ft. Worth, Teacher. Address Seminary Hill	1915
Rea, Alma	(Mrs. R. H. Milwee) Dallas	1911
Rea, Clara	Indian Gap, Teacher D. E. Commerce H. S.	1914
Redden, Lucile	(Mrs. Stephen A. Duke) DeLeon	1912
Redditt, Selden	Center	1915
Reddick, Marianna	Kansas City, Mo.	1906
Rees, Ida	Tehuacana, Teacher at LaGrange	1909

Reib, Louvenia	218 Pennsylvania Ave., Dallas, Teacher Fairemont College Weatherford	1913
Reynolds, Eva	Denton, Teacher in Dallas	1915
Reynolds, Cora	Ringgold, Ass't. Instructor Manual Arts, C. I. A.	1908
Rice, Juanita	Moody	1912
Richardson, Callie	(Mrs. R. J. Ratcliff) 502 S. Fannin Tyler	1909
Richmond, Lucy Rose	1523 New Braunfels Ave., San An- tonio, Teacher in H. S.	1908
Riley, Viola	(Mrs. Hoffman) Wichita Falls	1909
Risley, Catherine	Jacksboro	1914
Risley, Grace	Jacksboro	1908
Roberts, Frances	Burkburnett	1914
Robertson, Oberia	(Mrs. L. H. Edwards) Denton	1912
Rogers, Bettie	515 Webster St., Waco, Teacher of D. S. in High School	1912
Rollins, Beulah	(Mrs. D. T. Smith) Tucumcari, New Mexico	1906
Rose, Mabel	Schulenberg, Teacher Dom. Econ. Livingston	1915
Rutledge, Lucile	Tennessee	1913
Ross, Irma	Goodlet	1913
Rudd, Fay M.	Temple. Director Dom. Ec. Dose- na Mines, Tenn. Coal, Iron and R. R. Co., Birmingham	1914
Rush, Gussie	Marlin, Teacher of D. E. at Whit- ney	1915
Sackville, Margaret	San Antonio	1913
Sanders, Constance	Wills Point, Teacher at Edgewood	1915
Sanders, Stella	Mexia	1913
Schow, May	Clifton	
Scales, Ettie	(Mrs. Henley McWilliams) Dallas	1909
Schaefer, Edith	Schulenberg, Ass't. Director Stod- dard Hall, C. I. A.	1915
Scherer, Inez	(Mrs. E. K. Smith) 924 Sabine Pass Ave., Beaumont	1909
Schied, Dorothy	Whitesboro	
Seay, Jean	(Mrs. E. Wilson) 4906 Crutcher St. Dallas	1909
Shepard, Ruby	(Mrs. Ben Cunningham) Lewis- ville	1912
Shropshire, Ruth	(Mrs. Frank Butler) Floydada	1912
Shull, Anne	Tyler, Teacher at Pittsburg	1914
Shuddemagen, Alma	(Mrs. A. C. Kellersburger) 2211 Harvard St., Houston	1909
Simms, Mary E.	(Mrs. W. E. Johnson) Vermejo Park, New Mexico	1913
Simmons, Lela	Teacher at Wichita Falls	1908
Simmons, Stella	Denton, Teacher of D. S. at Pilot Point	1915

Slawson, Grace	(Mrs. Estell Bolding) Bartlett	1912
Smith, Mary	Killeen	1915
Smith, Ellen	B. S. Degree Student, Denton	1909
Smith, Blanche	Beaumont, Teacher of D. S. at Pecos	1915
Smith, Alice	Calvert	1914
Smith, Lolie	Marlin, B. S. Degree Student	1915
Sneed, Bess	McKinney, No. 2 Teacher at Pan- guitsch, Utah	1907
Sorenson, Alice	(Mrs. Geo. B. Franklin) El Paso	1908
Spencer, Dannie	(Mrs. W. C. Shults) Wichita Falls	1914
Spencer, Margaret	Teacher at Decatur	1912
Spence, Stella	(Mrs. Emil Lehmann) 1102 Kellogg Avenue, Ames, Iowa	1914
Stalcup, Lucile	(Mrs. Barry Benefield) 604 W. 46th St., New York	1907
Steger, Irene	700 Exposition Ave., employe in Dallas P. O.	1907
Sterling, Mary	(Deceased)	1907
Sterrett, Carrie Belle	Jacksonville, Director of English, Palestine, H. S.	1905
Sterrett, Dave	Jacksonville, Teacher D. E. Port Arthur	1914
Stewart, Lula	Teacher Domestic Economy, Buna	1914
Stone, Mollie	Student of D. S. Columbia Uni- versity, N. Y.	1906
Storrie, Elizabeth	Denton, Teacher D. E. in H. S.	1913
Storrie, Mary	Fort Worth, Dietitian, A. & M. College, Stillwater, Okla.	1914
Stratton, Ethel	(Mrs. J. G. Rollins) Rogers	1915
Strickland, Gertrude	Denton, Ass't. Instructor D. A. in C. I. A.	1908
Strickland, Mabel	Denton, Director D. E. in T. W. C. Ft. Worth	1911
Strickland, Ruby	Denton, Teacher D. E. Ozona	1914
Stratton, Pearle	(Mrs. U. N. Olver) 513 S. Sycamore, Santa Ana, Cal.	1908
Stroud, Johnie Mae	Denton	1907
Stuart, Alice	2718 Baldwin St., Houston, Teach- er D. S. in High S.	1913
Sumners, Lois	Cuero, Teacher D. E. Cleburne High School	1912
Swan, Tessie	Greenville, Teacher at Jacobia	1915
Swenson, Sadie	Ass't. Instructor D. A. Agr. Col- lege, Pullman, Wash.	1906
Talley, Lucile	Taylor, Teacher Public School Mu- sic, San Angelo	1909
Tankersley, Oneita	Teacher of English at Mertzon	1915
Tankersley, Fay	Teacher at Mertzon	1914
Tankersley, Ona	Teacher at Terrell	1914

Taylor, Aubyn	Mt. Vernon, Director D. E. Howard Payne College, Brownwood	1915
Taylor, Grace	(Mrs. J. W. Caller) Austin, Rt. No. 4, Box 106	1907
Terrell, Gena	Teacher Manual Arts & D. E. Childress	1909
Terry, Hettie Belle	301 E. 5th St., Austin, Teacher of D. A. in Austin H. S.	1913
Thallman, Eva	Bandera, Teacher D. E. Pittsburg	1914
Thatcher, Laura Lee	Austin, Teacher D. S. at Tyler	1912
Thompson, Hattie	McLean	1915
Tillmon, Cecil Julia	Center, Teacher of D. S., Lubbock	1908
Timmons, Julia	Chicago	1908
Treadwell, Edna	Teacher at Lufkin	1909
Triplett, Nita	(Mrs. Chas. Alexander) Denton	1912
Trickey, Mattie	Sanger, Teacher D. E. Gainesville, H. S.	1913
Tucker, Jess	Strawn	1914
Turner, Bess	(Mrs. Henry Hudspeth) Terrell	1909
Turner, Eula	917 N. Marsalis Ave., Dallas, Director D. S. in High School	1907
Turner, Eula	Arp, Teacher at Arp	1915
Tyson, Eunice	(Mrs. J. C. Eads) Heidenheimer	1907
Ujffy, Dita	1026 Ave. I, Galveston, Teacher D. S. in 7th Grade, Galveston	1914
Underwood, Maud	Denton, B. S. Degree Student	1915
Van Zandt, Effie	(Mrs. Leonard O'Neil) Clarendon	1914
Vautrin, Ruth	Teacher at Galveston	1914
Vise, Dussie	(Mrs. John E. Caldwell) Brownwood	1911
Waddle, Selma	Lone Oak	1915
Wade, Blanche	(Mrs. J. L. Smith) Beauxite, Ark.	1913
Wagley, Maud	(Mrs. C. A. Arnold) Melrose, N. Mexico	1909
Wagley, Velma	Silverton, Student U. of T., Austin	1914
Walker, Mamie	Henrietta, Teacher of English in High School	1911
Walker, Frankie	(Mrs. Brooks Covey) Montague	1912
Walker, Corrie	Henrietta, Teacher at Bellevue	1915
Wolcott, Frances	4327 Munger Ave., Dallas, Teaching at Dallas	1913
Watkins, Grace	Indian Springs, Ga., Director D. E. in Paris High School	1910-13
Watkins, Lucile	Indian Springs, Ga., Teacher D. E. at Bonham, H. S.	1912
Watkins, Delia	Indian Springs, Ga., Teacher D. A. Kaufman	1912
Watkins, Helen	Rosebud	1911

Watson, Virgie	Orange, Teacher Dom. Art, Beaumont	1914
Warren, Dora	(Mrs. Harter) Brownwood	1907
Wattam, Pearl	(Mrs. Claude W. Bryan) Sulphur Springs	1908
Weisinger, Leona	Montgomery, R. R. No. 1	1914
Washington, Myrtle	Austin, Teacher of Voice	1914
Whitaker, Bess	Tyler, Teacher at State Orphans Home, Corsicana	1915
Wheeler, Mabel	San Angelo, Teacher at San Angelo	1907
Wilcox, Ohmie	Esperanza, Teacher at Esperanza	1915
Wiley, Blanche	Daingerfield	1913
Williamson, Ethel	Covington	1912
Williamson, Ulyssa	Covington	1914
Williamson, Idella	(Mrs. Stacy Rylander) Buda	1914
Wise, Nolia	Richland Springs, Teacher of D. S. at Woodson	1914
Wilson, Tennie	Teacher at Red Oak	1915
Wilson, Mannie	McLean, Teacher at Canadian	1909
Wilson, Clara	Leonard, Teacher at Collinsville, Okla.	1915
Wilson, Marcia	(Mrs. Murray Bryant) Whitewright	1909
Winkleman, Alice	Burlington, Teacher at Texarkana	1908
Winton, Carrie	(Mrs. J. F. Taylor) Greenville, 2022 E. Marshall St.	1911
Woldert, Christine	(Mrs. Walter Campbell) 1727 Washington Ave., Fort Worth	1911
Wood, Pyrene	Swan, Teaching at Swan	1909
Yandall, Lura Mae	(Mrs. Eugene S. Gilbert) 410 Sycamore, St., Santa Anna, Cal.	1907
Yeary, Alleen	Farmersville, 4307 Bryan St., Dallas, Director D. S. in Y. W. C. A.	1911

BLANK A

COLLEGE OF INDUSTRIAL ARTS DENTON, TEXAS

Application for Room and Board in State Dormitories Or In Private Homes.

Date.....191.....

To the President, College of Industrial Arts, Denton, Texas.

Dear Sir:

Since I expect to enroll as a student in the College of Industrial Arts at the opening of the next regular session,.....191____, I hereby make application for rooming and boarding accommodations. It is understood that I am to be assigned to the best available room at the time my application is received at the college. As nearly as possible, I should like a room as follows (describe room here):

If all dormitory rooms are taken, I am to be assigned the best available room in a convenient, satisfactory, approved private home at the time my application is received at the College; and further, as vacancies may occur in dormitory rooms, I am to be assigned to a room in the order of my application—that is, my name is to be placed on the waiting list for a dormitory room in the order in which my application is received by the College.

I desire to room with.....
of....., Texas. I am.....years
of age, and expect to enter the.....Class.
The last school I attended was the.....School
at....., Texas, in 19____, where I was in
the.....class (grade).

My parents' names are:

Father (or guardian)
Address.....

Mother
Address.....

I have read carefully the "Rooming Regulations and the Standards of Conduct" of the College, and I hereby agree to comply with them in every respect.

Enclosed find assurance fee of \$5.00 (send postoffice or express money order, check, or cash, if registered) to apply on my account according to the terms stated in the "Plan for Assignment of Rooms."

Respectfully yours,

Name

Address.....

BLANK B

COLLEGE OF INDUSTRIAL ARTS DENTON, TEXAS

Application for Room and Board in Methodist Dormitory.

To the President, College of Industrial Arts, Denton, Texas.

Dear Sir:

I expect to enroll as a student in the College of Industrial Arts at the opening of the next regular session, _____ 191____, and I hereby make application for board in the Methodist dormitory. As nearly as possible I should like a room as follows (describe room here):_____

Please select the room you think will suit me best. I desire to room with _____ of _____, Texas. I am _____ years of age, and expect to enter the _____ class. The last school I attended was the _____ school, at _____ Texas, in 19____, where I was in the _____ class (grade).

My parents' names are:

Father (or guardian) _____

Address _____

Mother _____

Address _____

I understand that rooms in the Methodist dormitory are assigned only on the recommendation and approval of Mrs. F. B. Carroll, Manager of the Methodist dormitory, and I am making this application with the understanding that you will refer it to Mrs. Carroll. I understand further that I am to be assigned the best available room at the time my application is received by the College. It is also understood by me that all College regulations pertaining to the State dormitories apply to the students living in the Methodist dormitory.

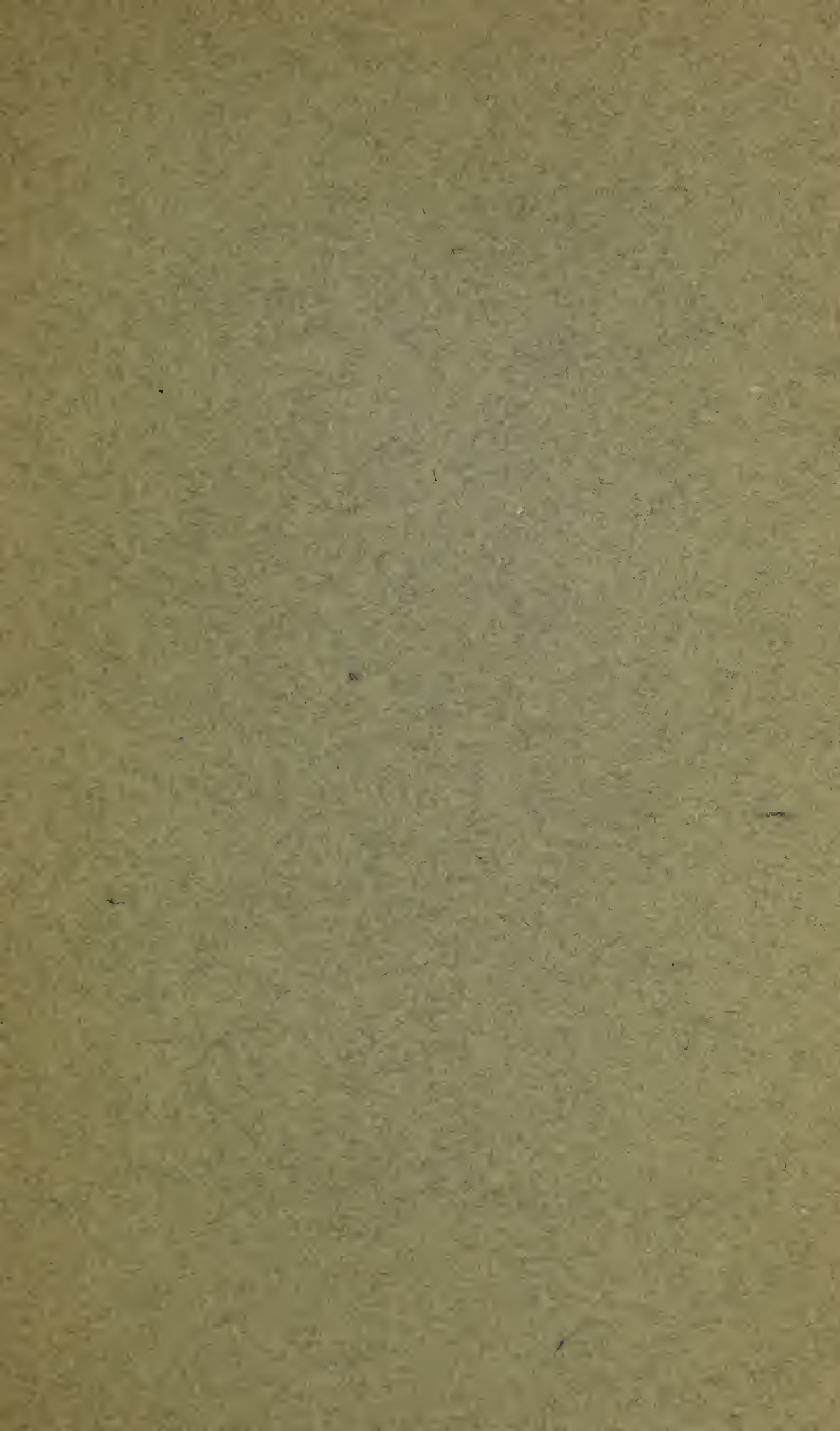
I have read carefully the "Rooming Regulations and Standards of Conduct" of the College, and I hereby agree to comply with them in every respect.

Enclosed find assurance fee of \$5.00 (send postoffice or express money order, check, or cash, if it is registered) to apply on my account, according to the terms stated in the "Plan for Assignment of Rooms."

Respectfully yours,

Name _____

Address _____



UNIVERSITY OF ILLINOIS-URBANA



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COLLEGE BULLETIN, COLLEGE OF INDUSTRIAL ARTS
ISSUED QUARTERLY BY THE COLLEGE OF INDUSTRIAL ARTS,
DENTON, TEXAS

**Entered April 19, 1905, at Denton, Texas, as second class
matter, under Act of Congress July 16, 1894.**